FORMOSA21

VPON

Your best choice for digital video recording and remote surveillance

VPON SecuWatch 2.5

User Manual

Last update Jan 2008

VPON

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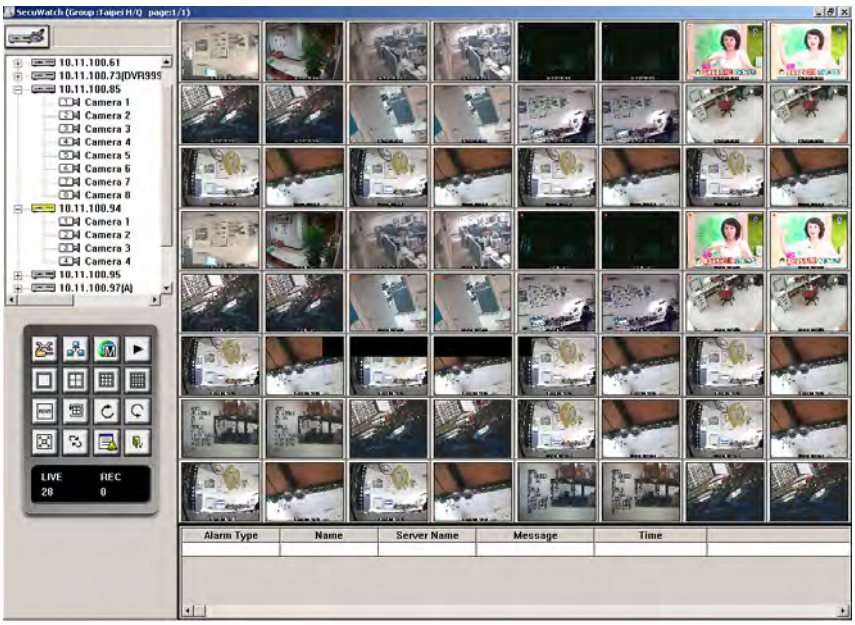
1. Installation

Please click SecuWatch2.5(en).exe file to install. Default login name & password are both "**admin**". This is a super user. You can use it to create new operators or users. You can change password after login. There is NO need registration at SecuWatch2.5 if connected cameras are less than or equal to 32 units. Please contact your local VPON reseller or contact vpon.sales@formosa21.com if you want to connect more than 32 cameras. As SecuWacth is running under network environment, LAN traffic or Internet link speed connecting external VPON units & SecuWatch PC is critical for video response. It is recommended to use H.263 compression and 320x240 resolution at VPON side for SecuWatch application.

2. Operation

After bring up SecuWatch software, use "**admin**" as both user name & password to login. This is the default setting. You can change the user name & password after login. But you cannot delete this item. The DVR Tree and functional icons are all located at the left side of the screen.



The main screen user interface adds several functions such as auto update DVR information, DVR Tree, a simple System Log, Live View Popup Menu and use Drag&Drop to add DVR and Camera easily.

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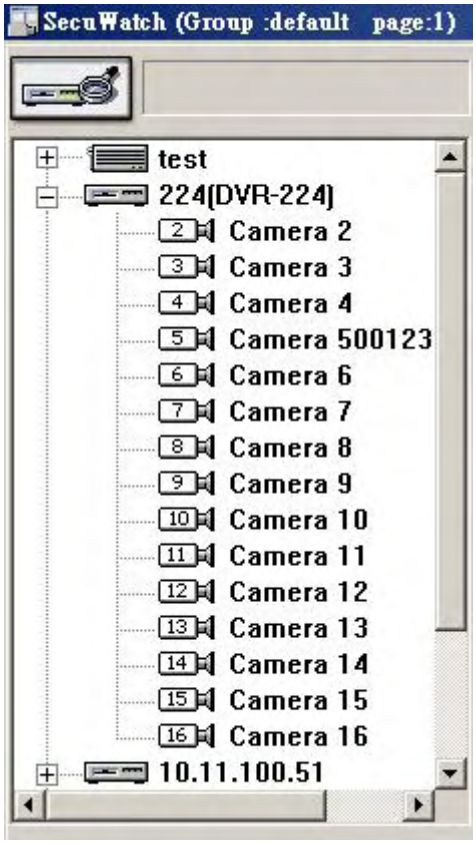
2.1 DVR Tree



DVR Tree is composed of VPON DVR / Video Server and its Camera which are connected.

2.2 Live View Popup Menu

Click the mouse right button to call a popup menu to set up the camera related functions such as Edit / Stop/Start / Audio / PTZ / POS / MAP / Delete.

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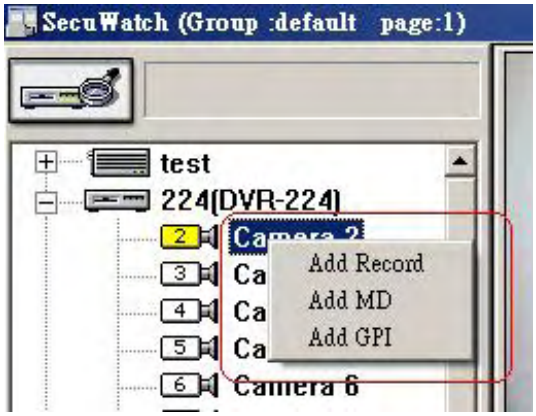
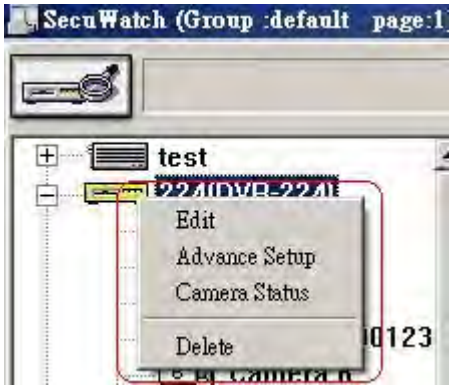
2.3 Camera Popup Menu



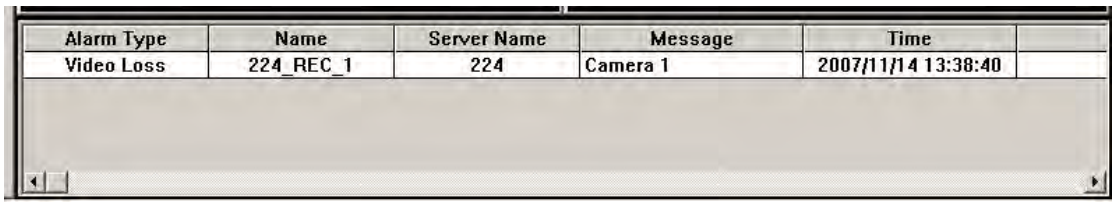
Click the mouse right button to pop up a menu to add Record / MD / GPI functions.

2.4 DVR Popup Menu



Click the mouse right button to pop up a menu to set up DVR content.

2.5 Add Simple System Log on Main Screen



Alarm Type	Name	Server Name	Message	Time
Video Loss	224_REC_1	224	Camera 1	2007/11/14 13:38:40

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2.6 DVR Information Auto Update

DVR status is updated every minute and only connected cameras are listed.

2.7 Function Icon

Setup	**Group**	**E-Map**	**Playback**
Single Screen	**Quad Screen**	**9-Split Screen**	**16-Split Screen**
5x5/6x6/7x7/8x8 Multi Screen	**Loop Switch**	**Page Up**	**Page Down**
Full Screen	**Refresh**	**Event Log**	**Logout**
Live and Recording Channel Numbers			

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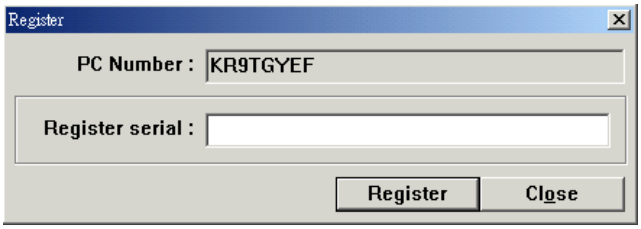
3. Setup Icon

There are eight functions under this icon. When click, a “Setup Selection” window will prompt up. Please select the function you want to do next step setup.

4. Register

When this function is selected, a “Register” window will prompt up. Send the PC Number back to Formosa21,Inc. or your local reseller and then you will get a “Register serial” number. Key in this number and click “Register” key for registration. You ONLY have to do registration when SecuWatch 2.5 is used to connect more than 32 cameras.



Otherwise, SecuWatch 2.5 also adds USB Keypro Licence solution for the paid advanced version.

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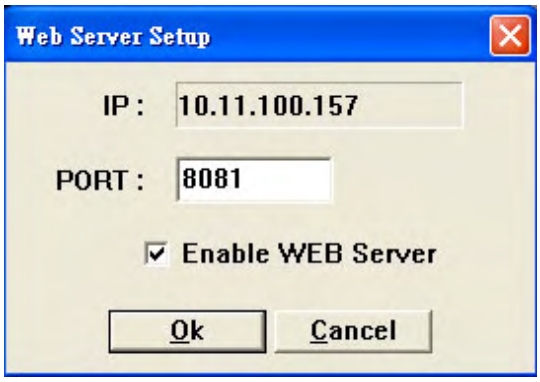
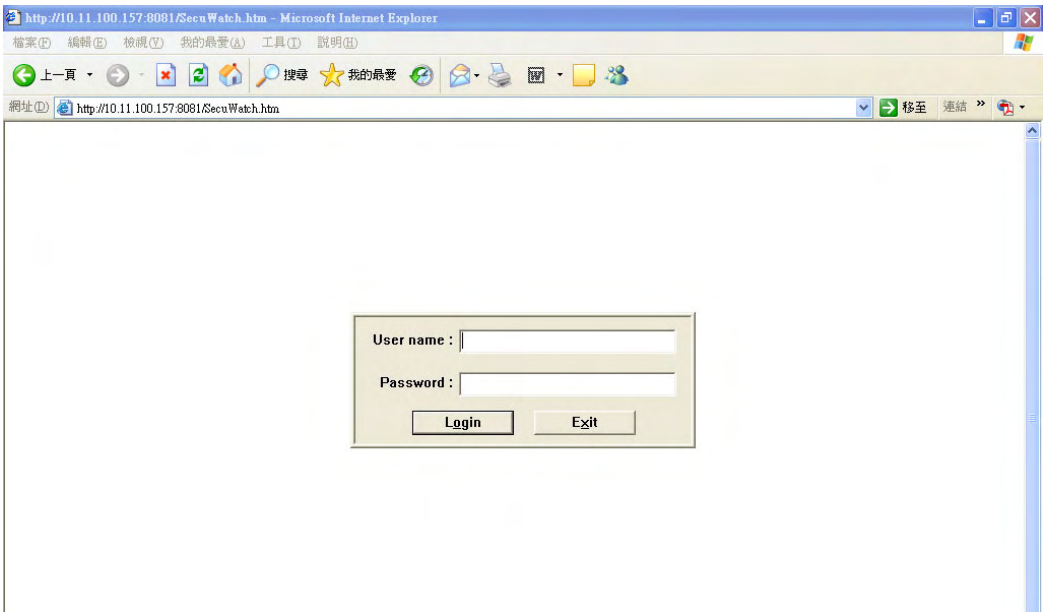
5. Web Server Setup

Do the configuration with the IP and Port and also enable the WEB Server function in order to start the web server service. When the server starts, the users can use the Internet Explore browser with the IP and port (EX: http//:10.11.100.157:8081) to login to the web “SecuWatch”.



When using the IP and Port to access the login page with IE, you will need a set of User name and Password to login to the system. (The default user name and password are “admin”)



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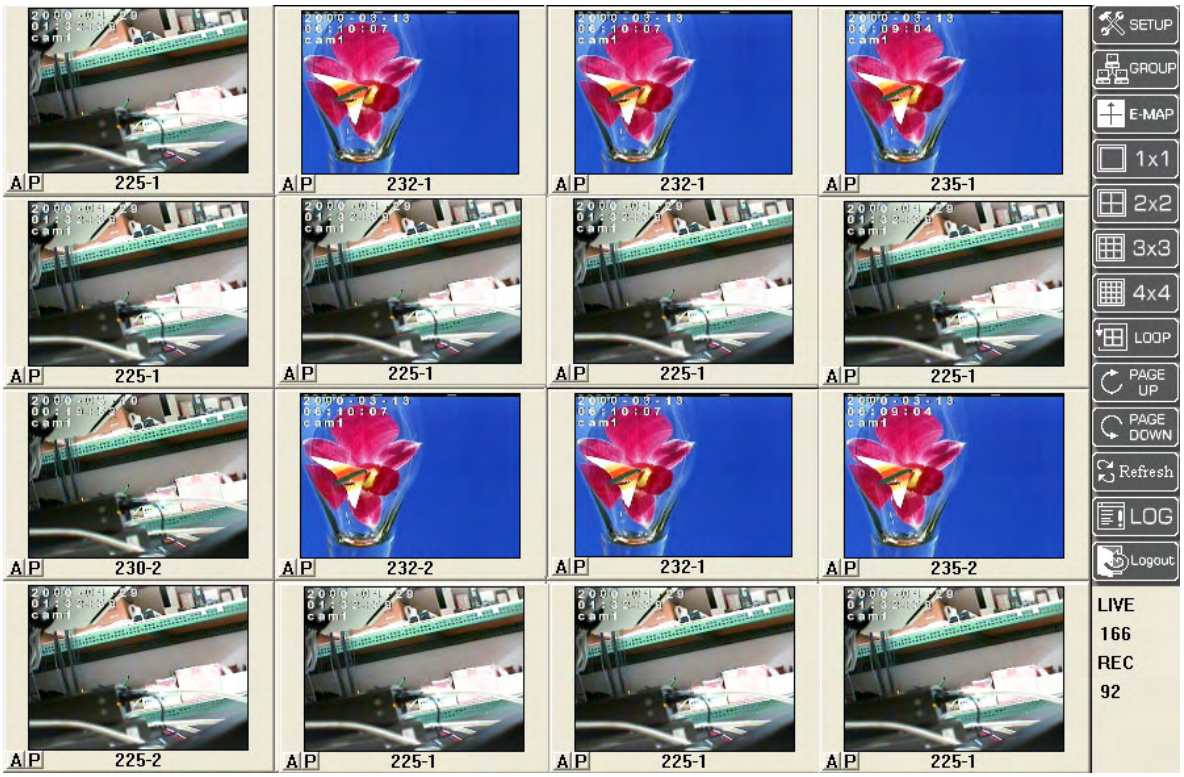
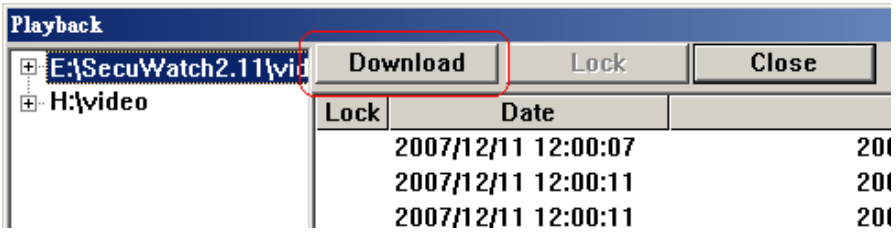
Web Server



Remark: Web Server can't support playback, NxN split display and Full screen function. Under remote browsing operation is the same as under local SecuWatch.

In addition, SecuWatch web-based Client can download record files from SecuWatch Server.



6. User

When this function is selected, the "User Setup" window will show up. There are three user levels, "administrator", "operator" and "user". An "administrator" authority can do every function in the window. An "operator" authority can do every function EXCEPT "user setup". A "user" authority can do ONLY "View playback" and "PTZ control". Please remember to click the "Enable" check before click "OK"

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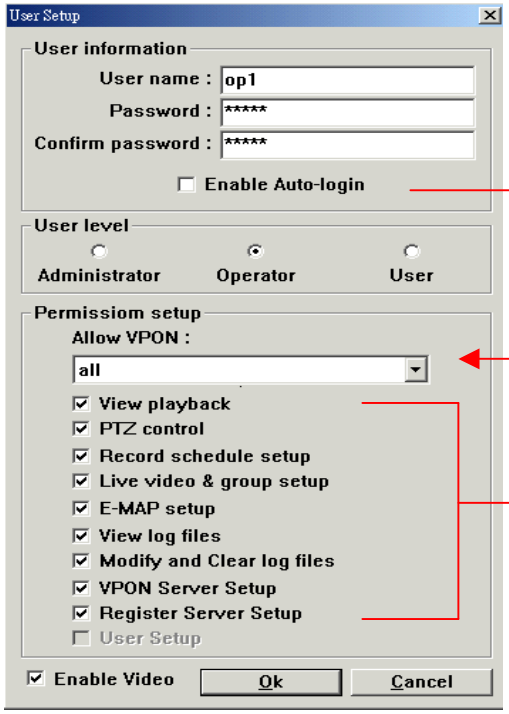
button.



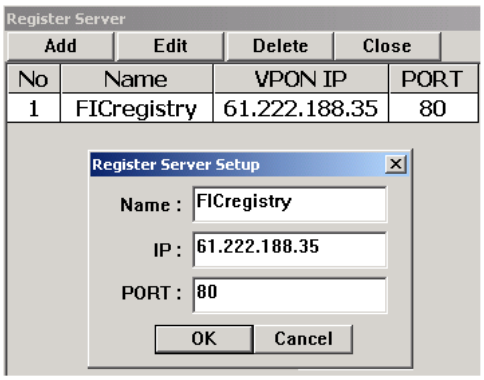
It would automatically login the central-controlling system after starting the machine if you select this function.

Select the VPON unit this operator is permitted to work on

Possible operations for this operator

7. Register Server

This function is for “Register Server” set up. You should install and configure a “register server” if you want external VPON units that use dynamic IP on the Internet to be accessible by SecuWatch. Click “Add” or “Edit” to bring up for adding new or edit existing register server. The register server of 61.222.188.35 is inside Formosa21, Inc. Customer can use this one for dynamic IP supporting without installing his own register server.



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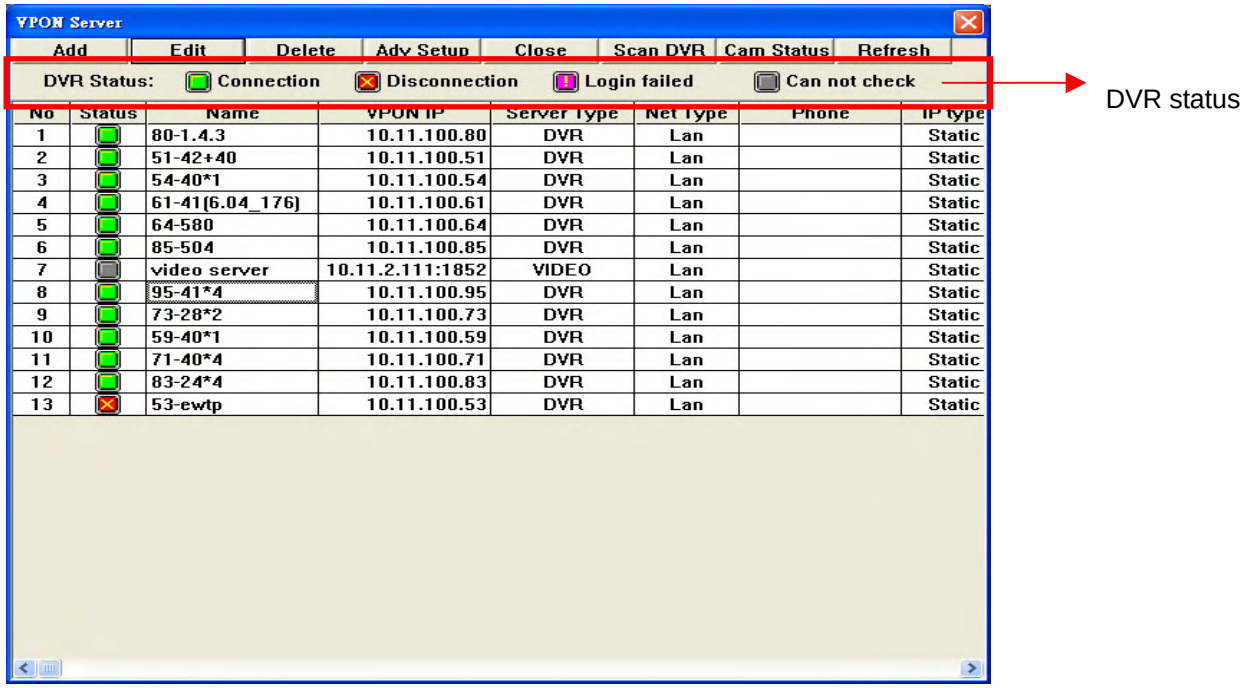
8. VPON server

This is for configuring VPON units that are to be managed by SecuWatch software over the network. After select “DVR Server”, VPON server window pops up on the screen. You can “add”, “edit” or “delete” VPON entries. Fig.8.2 is the pop up window for adding a new VPON server unit or editing existing VPON. There are some parameters need to be set. Users also can use the function of "DVR Status" to check if the DVR is in the connected, disconnected or login failed status.



8.1 Add a new VPON Server:

- **Network Information:** SecuWatch supports LAN or telephone line connection between remote VPON unit and SecuWatch PC. You can select physical connection between this remote VPON unit and SecuWatch PC as “LAN” or “Modem”. When select “Modem”, you need to enter telephone number and the group name of this VPON unit. Modem connection between SecuWatch and remote VPON unit is a one to one activity. SecuWatch dials to external VPON when its group is selected and the link drops when user switches to another group. At this moment, both “Live Video” and “recording video” of this remote modem connecting VPON will stop. One group can have ONLY one modem connecting VPON. So, if there are multiple remote modem VPON units, you will have to assign each of them into different group.

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- **Server Information:** IP type here can to “static “ or “dynamic”. In Fig. 8.2 “static” IP was selected so fields related to “ dynamic IP” were blocked. Server name here is assigned for Secu Watch identification of this VPON unit, can be different from server name inside VPON unit. In the Svr Type field, you have two selections: DVR and Video server. The video server of VP-3101 can be integrated with the central control and management system of SecuWatch. When you input the server key (printed on the back tag) into the field of SecuWatch Server Key, then the SecuWatch can connect to video server.
- **Account Information:** If the account and password are required for connecting to remote DVR, you need to set the account and password here. Password will be masked by star sign.
- **Alarm set:** Users can set that the server can accept the alarm signal and show it in the screen of central control system when the specific alarm triggered point is started.
- SecuWatch 2.5 supports DVR/Camera Tree Menu for users to add DVR / Camera very easily as below:

Dragging a DVR and drop in Live View can add on all cameras of the DVR in one time.

Dragging a camera and drop in Live View can add on this camera.

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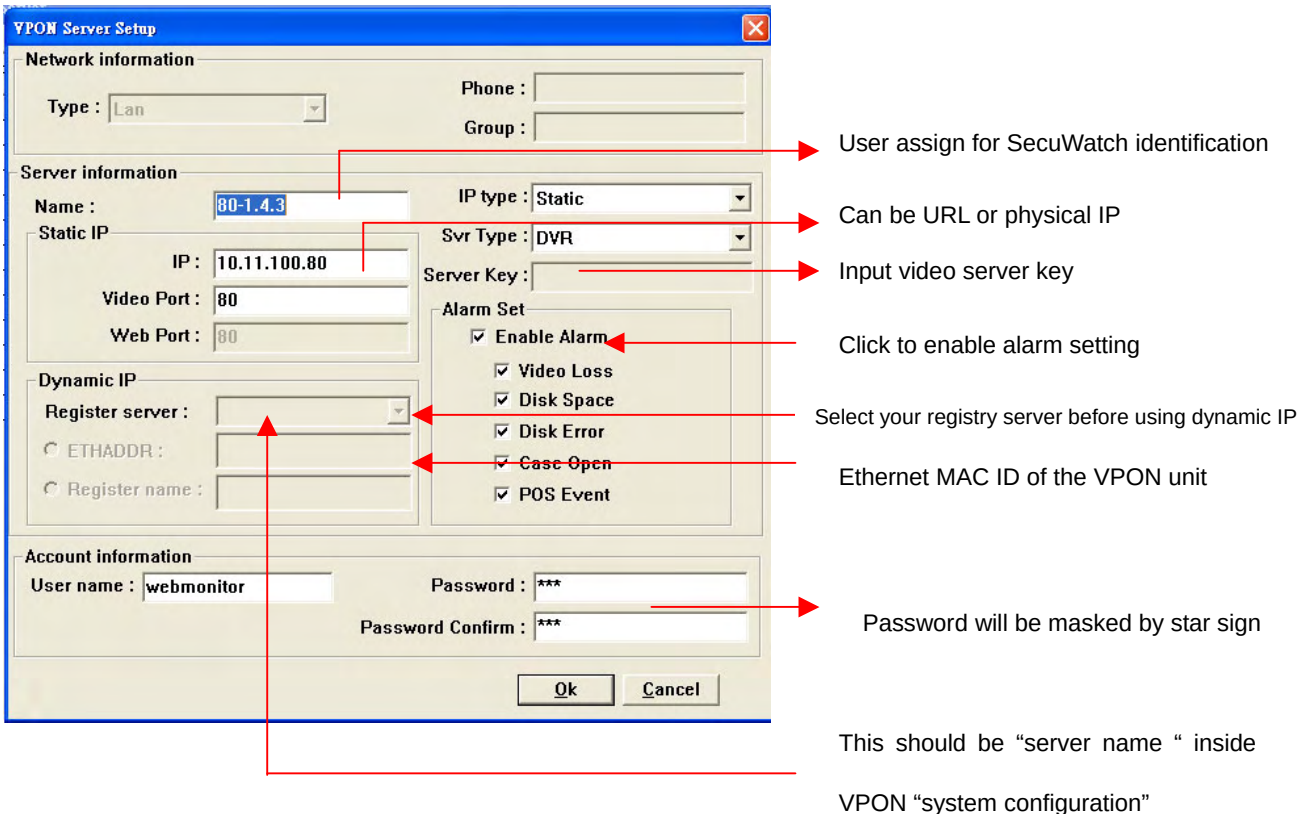
8.2 Edit VPON Server:

User can click “Edit” function to edit VPON server setup.



8.3 Delete VPON Server:

User can click “delete” function to delete VPON server setup.

8.4 Advance setup

You have to enter “User name” and “Password” here. Select the “Advance Setup” function of pop up administrator name & password of the selected VPON server unit. After entering correct values, you can do configurations to that VPON server unit through the pop up “Advance Setup” page. This function is the same as you do VPON configuration through remote IE browser.

8.5 Close

Click close button to close the VPON server setup.

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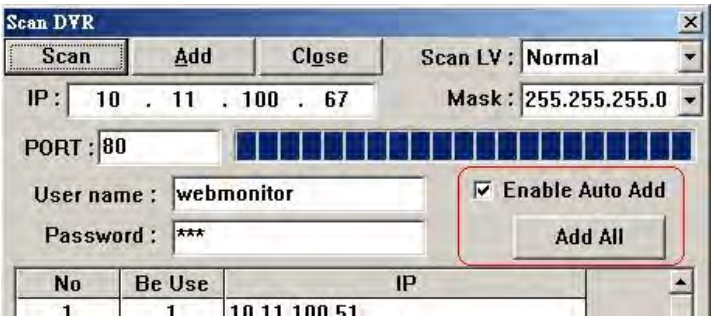
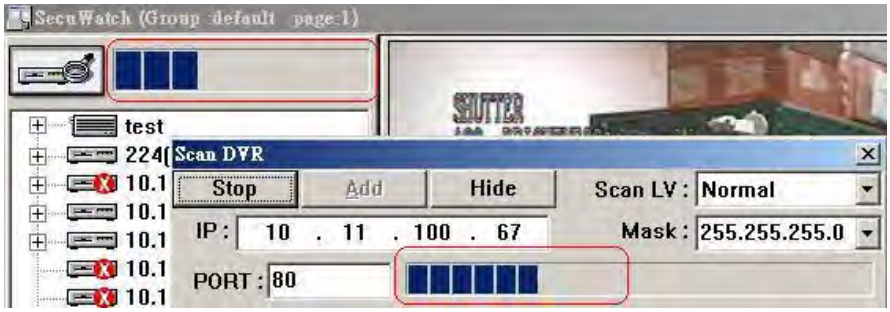
8.6 Scan DVR

Users can get the list of the DVRs connected to the “SecuWatch” by inputting the IP, PORT and Mask information then clicking the Scan button.

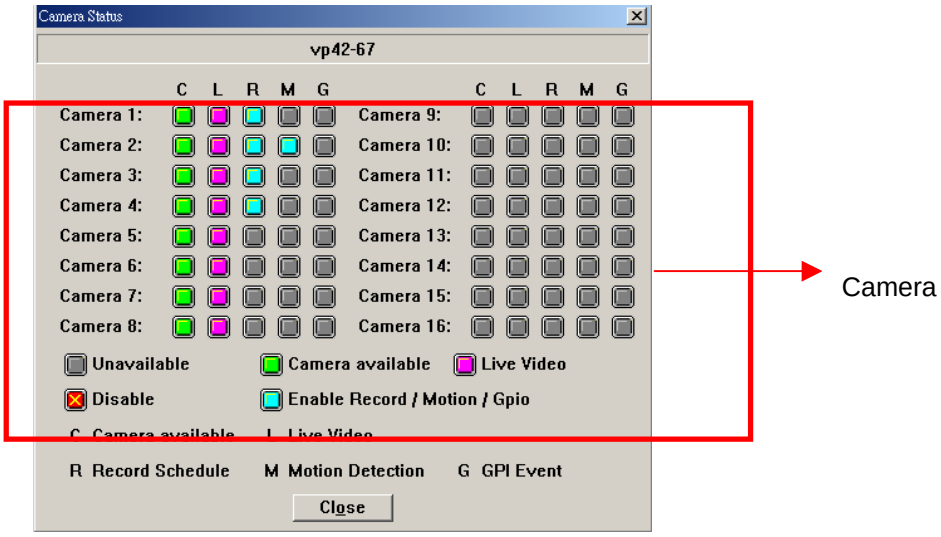




In Scan DVR window, please check Enable Auto Add to make sure all DVRs that are found can be added to DVR Tree automatically.

8.7 Camera status

After adding a new VPON server, you can select “Camera Status” to check the status of camera. Please refer the camera status window below.



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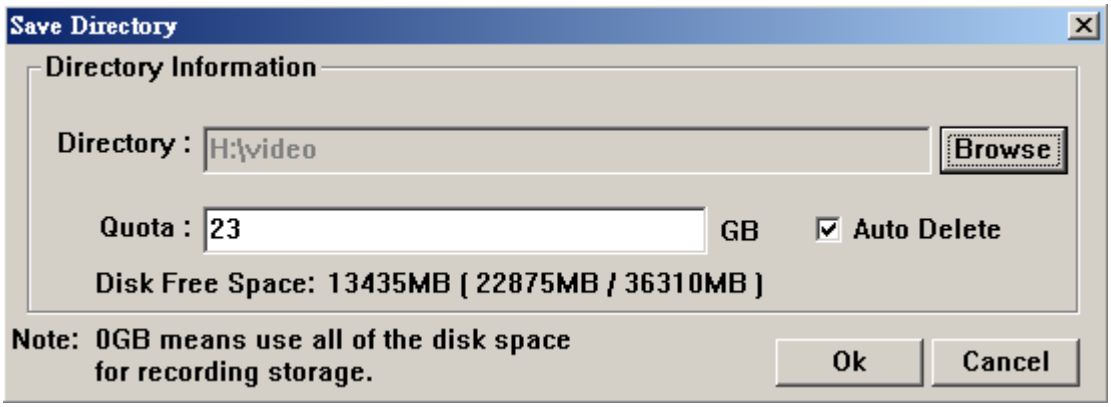
8.8 Refresh

Click Refresh button to re-link DVR system.

9. Save directory

“Directory” field is where you store recorded video files. “Quota” filed is for storage space reservation. The unit is in Mbytes. When “Auto delete” is checked, the stored files will be deleted to allocate space when the reserved quota is full. *Add Disk Free Space Reminder and change the calculation unit to Gigabyte.*



10. Live Video and Audio

Before you can see videos on SecuWatch screen, you have to configure live videos. The name field is given for easy identification of each video source. The “server “ field is selected from the name you enter at section 6. Camera ID is the video input of that VPON unit related to “server”. The number at display field is the location on SecuWatch screen where VPON camera video to be shown.

Before you add any group on to SecuWatch, it assigns the live video into a “default” group. Again, please remember to check “enable” to save the settings. If you have the audio device in your VPON units, you also can assign the audio. Just checks “enable”. Also if this camera was configured as a PTZ camera at VPON side, the PTZ field will display its model number after clicking “check” button. The “Please upgrade VPON firmware” window displays ONLY when firmware of that VPON unit was too old to contain PTZ information for SecuWatch using. Starting the cash register, if the machine is connected to the POS systems, the inputted words would be showed on the designated monitors after

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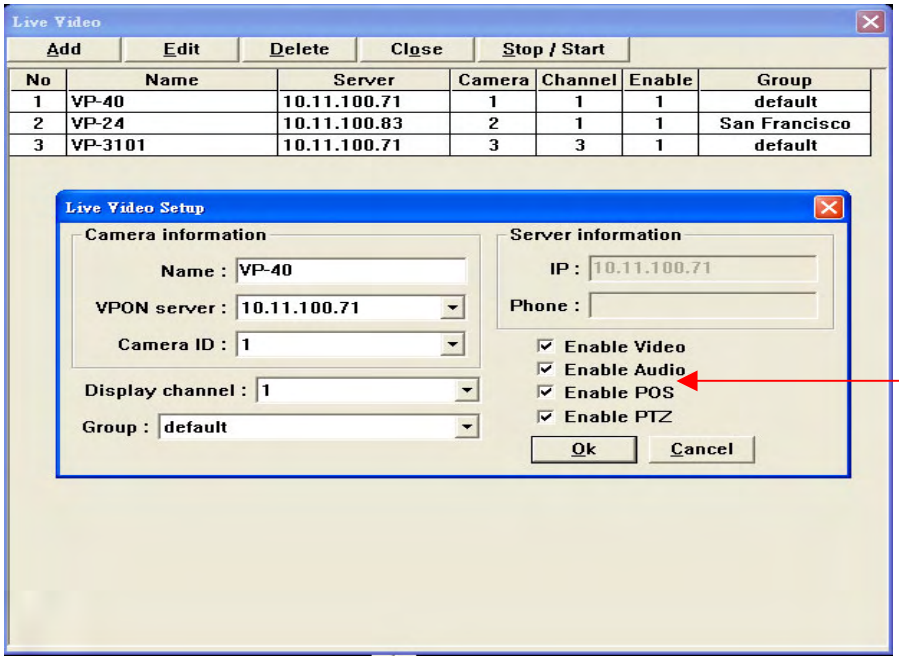
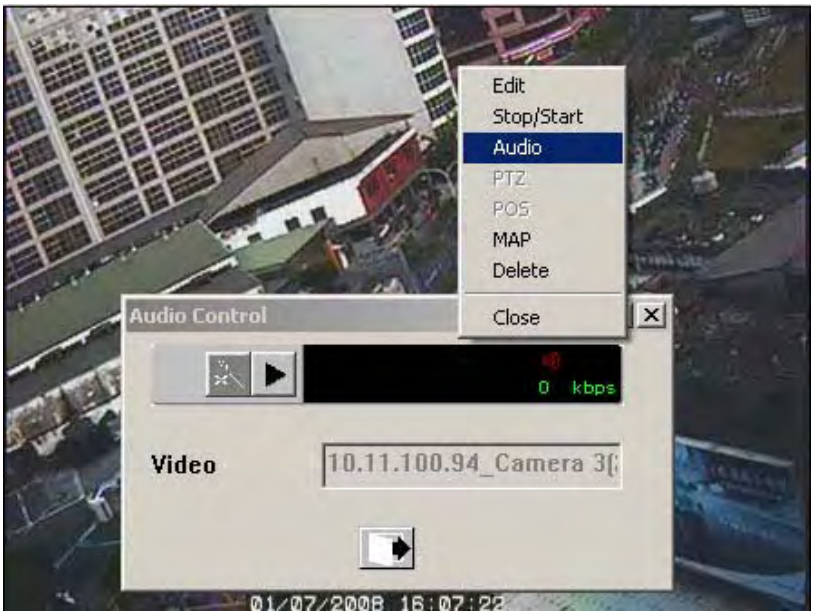
selecting the starting the cash register function.



Click to enable audio transmission

1) If you enable audio function and click mouse right button to pop up a menu, then you can do Audio Control.



2) If you enable POS function and click mouse right button to pop up a menu, then you can enable POS function. A popup menu will show the Status. For example, Status: A.P.M means Audio, POS, E-Map functions are working.

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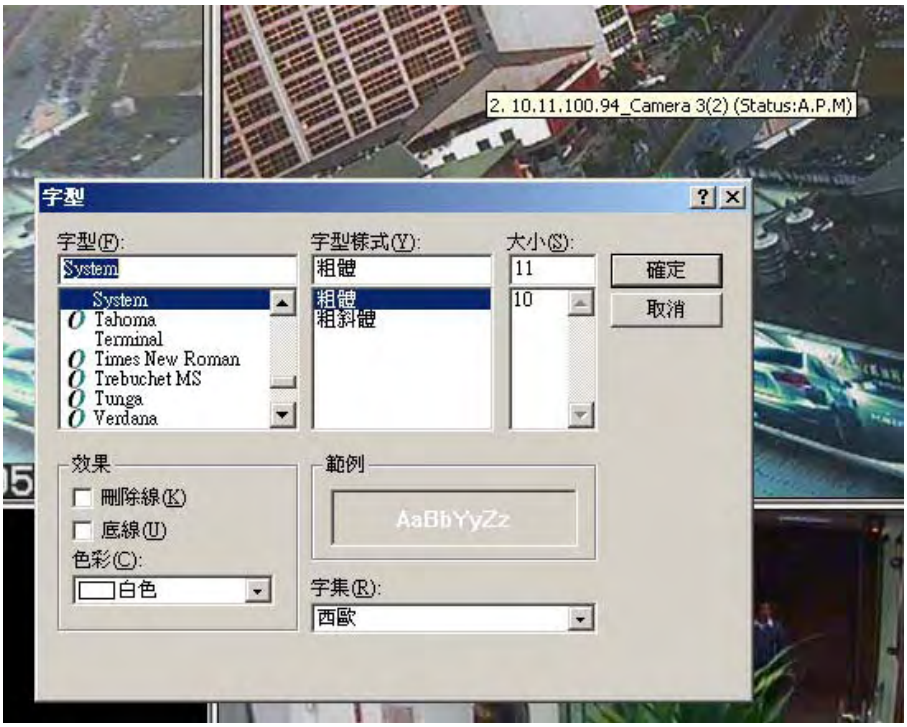
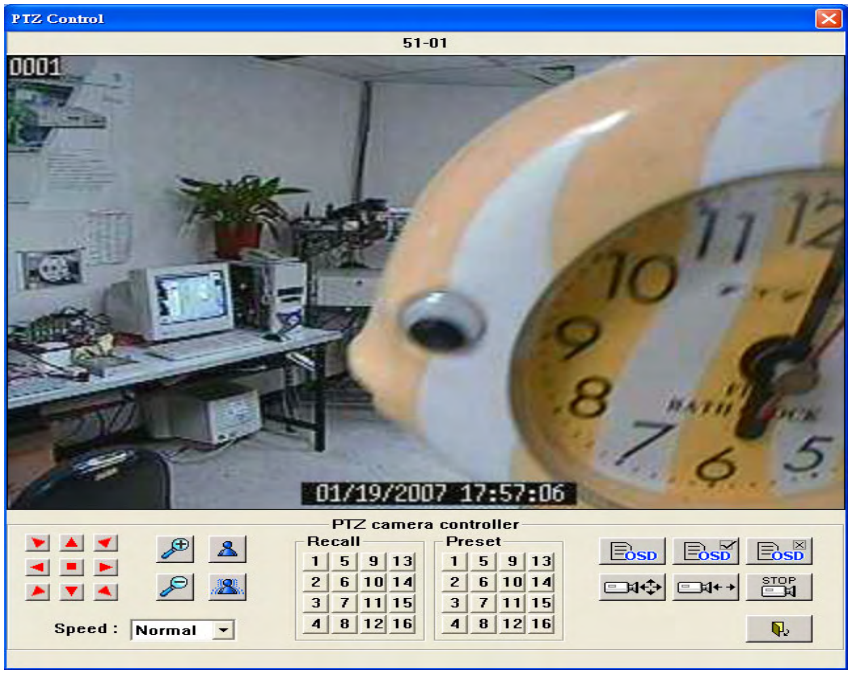


3) If you enable PTZ function and click mouse right button to pop up a menu, then you can enable PTZ function. The out looking of PTZ control window varies with different PTZ cameras. You can control the movement of this camera by clicking the function keys on it. You can also select camera-moving speed to reach the target you want. Because SecuWacth is running under network environment, the network bandwidth is critical to video response time.



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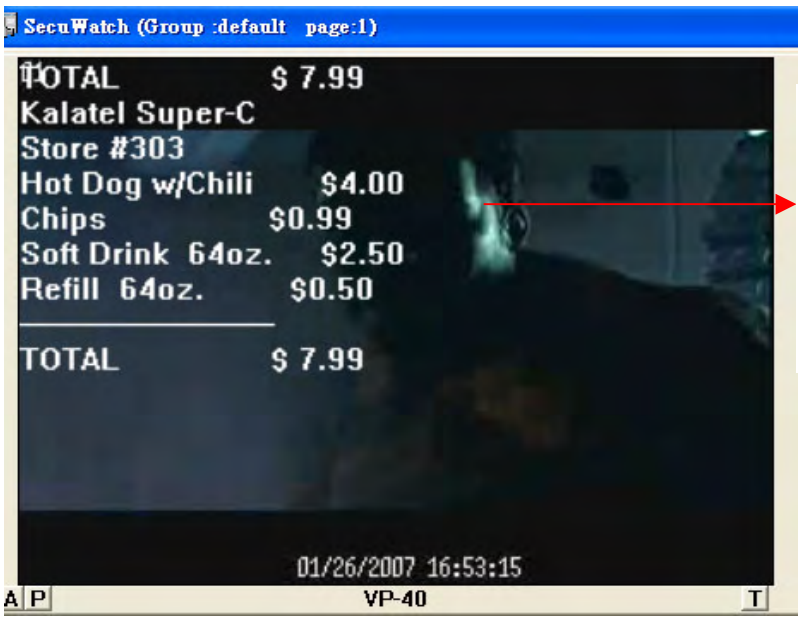
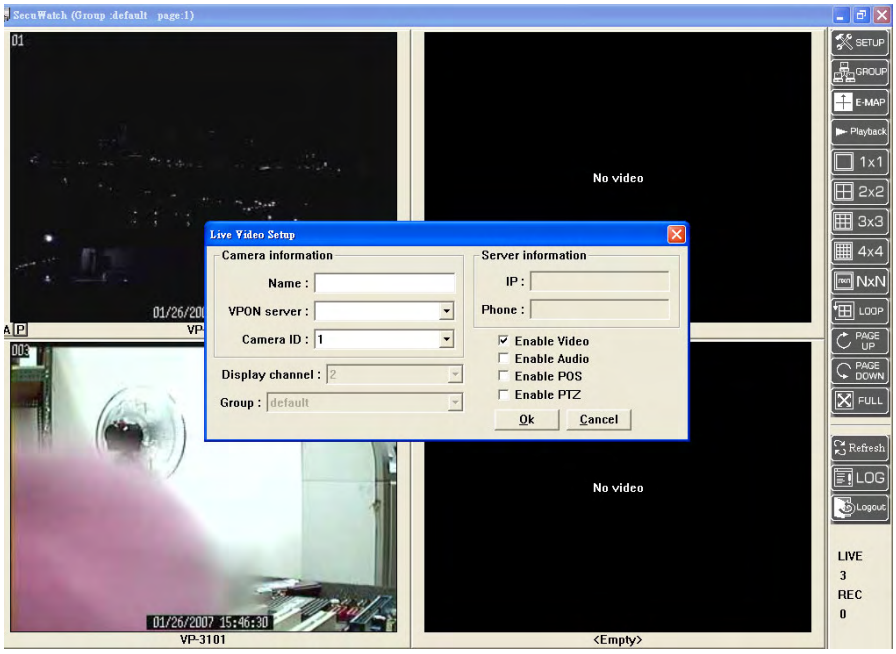
10.1 Automatically capture POS transaction data into DVR from serial interface



The central control software can show the words received from the POS on the designate screen when the remote cash register send the POS data.

10.2 Create a new monitor in the black screen

When this function is selected, the “Live Video Setup ” window will show up. It could be created a new monitor by clicking the life key of mouse twice in the black screen. Please remember to add a new VPON server first. (Please refer the chapter 7: The method of creating a new VPON server)



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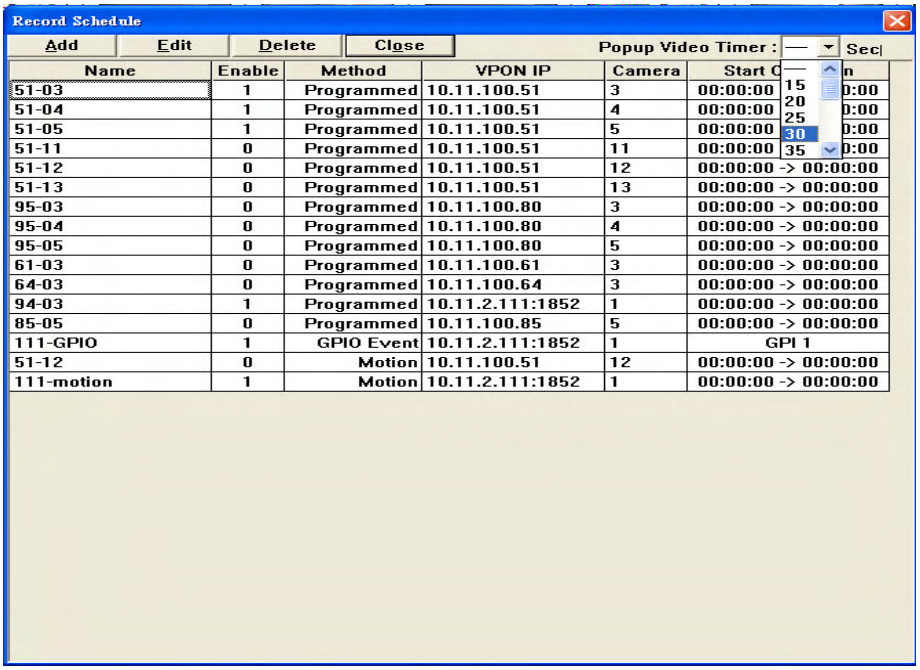
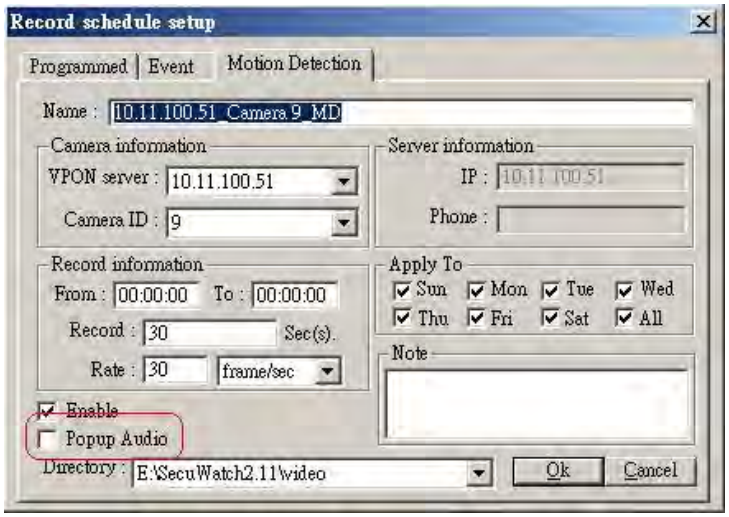
11. Record schedule

You can configure “programmed”, “Event” & “Motion detection” recording under Record Schedule setup. Recording is camera-based means you have to set up recording mode for each single camera.



Name	Enable	Method	VPON IP	Camera	Start C	n
51-03	1	Programmed	10.11.100.51	3	00:00:00	0:00
51-04	1	Programmed	10.11.100.51	4	00:00:00	0:00
51-05	1	Programmed	10.11.100.51	5	00:00:00	0:00
51-11	0	Programmed	10.11.100.51	11	00:00:00	0:00
51-12	0	Programmed	10.11.100.51	12	00:00:00 -> 00:00:00	
51-13	0	Programmed	10.11.100.51	13	00:00:00 -> 00:00:00	
95-03	0	Programmed	10.11.100.80	3	00:00:00 -> 00:00:00	
95-04	0	Programmed	10.11.100.80	4	00:00:00 -> 00:00:00	
95-05	0	Programmed	10.11.100.80	5	00:00:00 -> 00:00:00	
61-03	0	Programmed	10.11.100.61	3	00:00:00 -> 00:00:00	
64-03	0	Programmed	10.11.100.64	3	00:00:00 -> 00:00:00	
94-03	1	Programmed	10.11.2.111:1852	1	00:00:00 -> 00:00:00	
85-05	0	Programmed	10.11.100.85	5	00:00:00 -> 00:00:00	
111-GPIO	1	GPIO Event	10.11.2.111:1852	1	GPI 1	
51-12	0	Motion	10.11.100.51	12	00:00:00 -> 00:00:00	
111-motion	1	Motion	10.11.2.111:1852	1	00:00:00 -> 00:00:00	

Support Audio for Event and Motion Detection in Popup Video Window and only the chosen channel can activate audio function.



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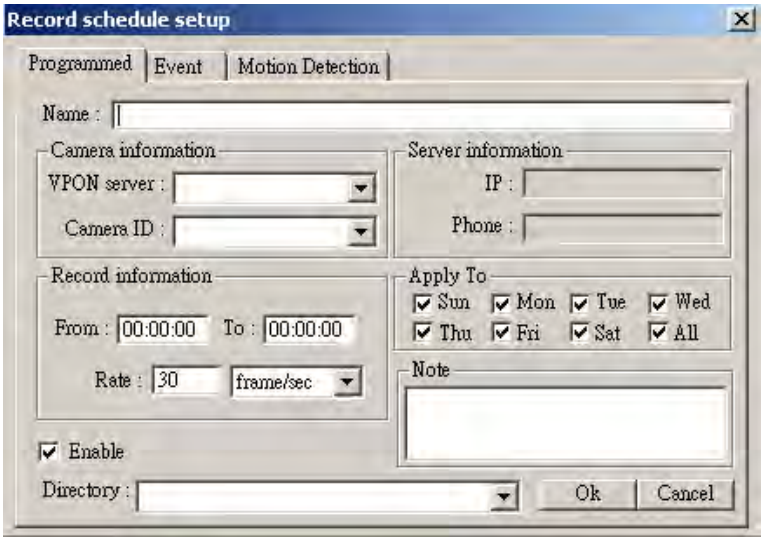
11.1 Programmed Recording

“Record Schedule setup” window appears after click “Add” or “Edit” as below.



On record schedule setup window, select “programmed” to do programmed recording configuration. “Programmed recording” means, after you give the recording condition, SecuWatch software will do recording to this camera regularly based on your condition.

Name – Given by administrator for identification purpose of this entry.

Server – The VPON unit this camera belongs to. Server is selectable from server names enter at section 7.

Camera ID – Video input port of server.

From/To – Record start and stop time in hh:mm:ss format.

Rate – Recording frame rate. It can be frames per second or seconds per frame selectable.

Enable – Check to enable these conditions.

Directory – Select from the “Save directory” enter at section 8

Apply to – Check to apply this recording condition to days of the week.

Note – You can easily add the sentence of comment which is showed in the alarm window

Finally, please click “OK” button to save the settings.

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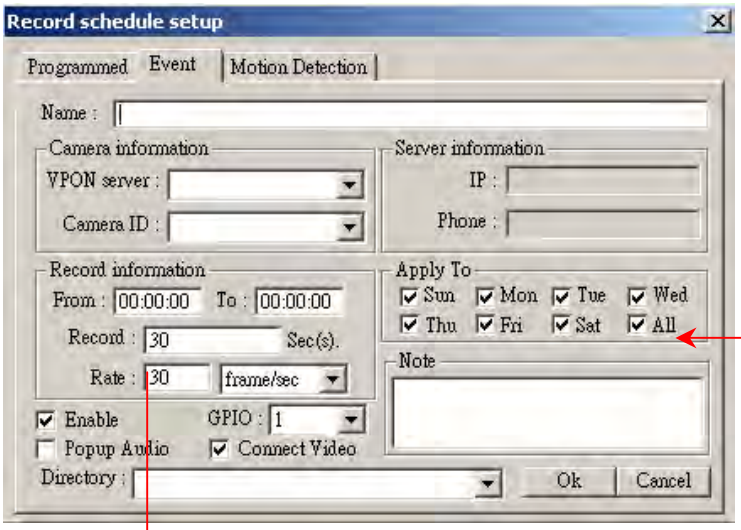
11.2 Event Recording

The difference between programmed and event record is “GPIO”. When event recording, SecuWatch software does the recording based on triggers from alarm inputs at VPON unit.



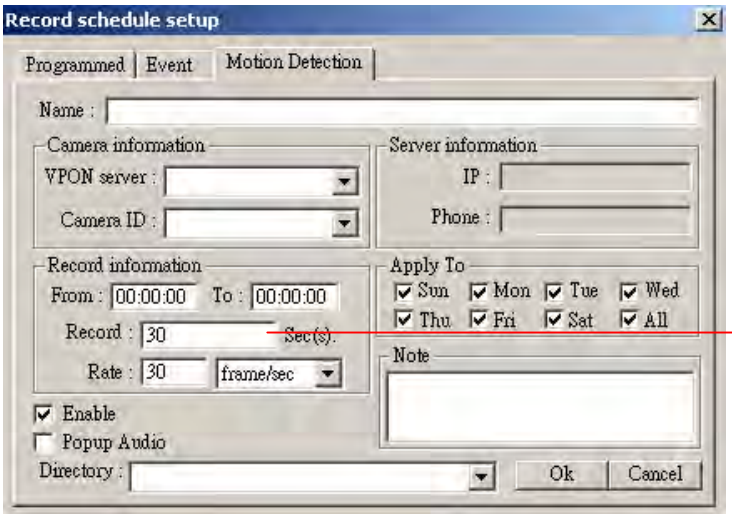
When the event is triggered, the monitor will pop up a Popup Video Alert.

The recorded time must be 10-3600sec(s).

According to the above figure, when GPIO#1 triggers, SecuWatch will record 30 seconds at this camera. GPIO is selectable from 1 to 16.

11.3 Motion Detection Recording

Under motion detection recording, SecuWatch software records ONLY when there is motion detects at VPON side to this camera. “From / To” sets valid time period of motion detection and the “Record” filed sets how long SecuWatch will record after motion detects.



The recorded time must be 10~3600sec(s).

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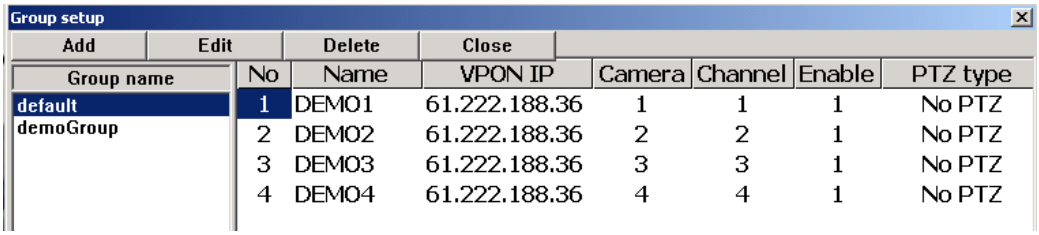
12. Group Setup

SecuWatch software can monitor up to 1024 cameras over LAN or Internet. It is recommended to split these cameras into different groups for easier access. Maximum number of cameras in a group is recommended to be less than 32(include). When SecuWatch install, there is a “default” group. You can NOT do “edit “ or “delete” to default group, otherwise you will get error message. When you select a “group”, the camera members of this group will be listed on the screen as below.



You can add a group by click “Add” and then enter the group name. Click “OK” to save it.

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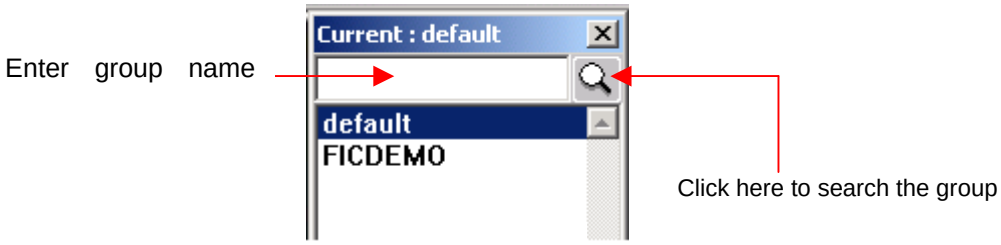
13. Group

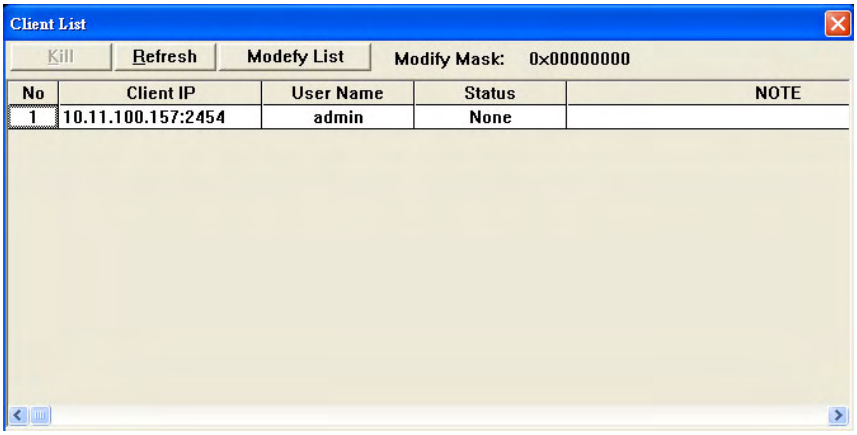
When click “Group” icon, all groups configured will be listed on the screen. Click the group name you want to display camera videos of this group on the screen. When there are too many groups in SecuWatch, you can enter a particular group name for search.



The left-up corner of central-control screen would show the selected group and the page number after selecting the monitored group

14. Client List

By this function, users can monitor the clients connected to the SecuWatch server.



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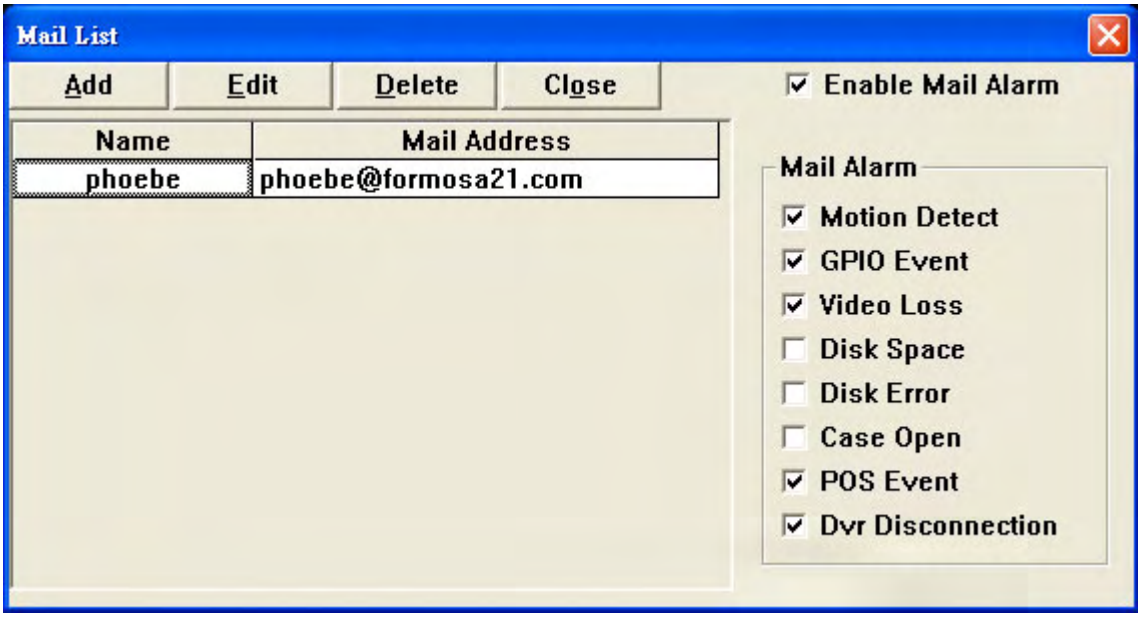
15. Mail Setup

If user starts the function of Mail Alarm, the system will show the email message and send the event to the specific email address when the alarm is triggered.

15.1 ADD / Edit

User can click add/edit function to add or edit mail setup.



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15.2 Delete

User can click delete function to delete mail list

15.3 Close

Click close function to exit mail setup.

15.4 Send mail

Users can configure the system to send an email when several different kinds of alarm are triggered. Before that, users should setup an email account for SecuWatch Server in Microsoft Outlook / Outlook Express.

15.5 Default Multi-Win

SecuWatch can remember the location of popup windows. If you want to restore these windows back to its default location, please click “Default Multi-Win” and restart SecuWatch to implement the setting.

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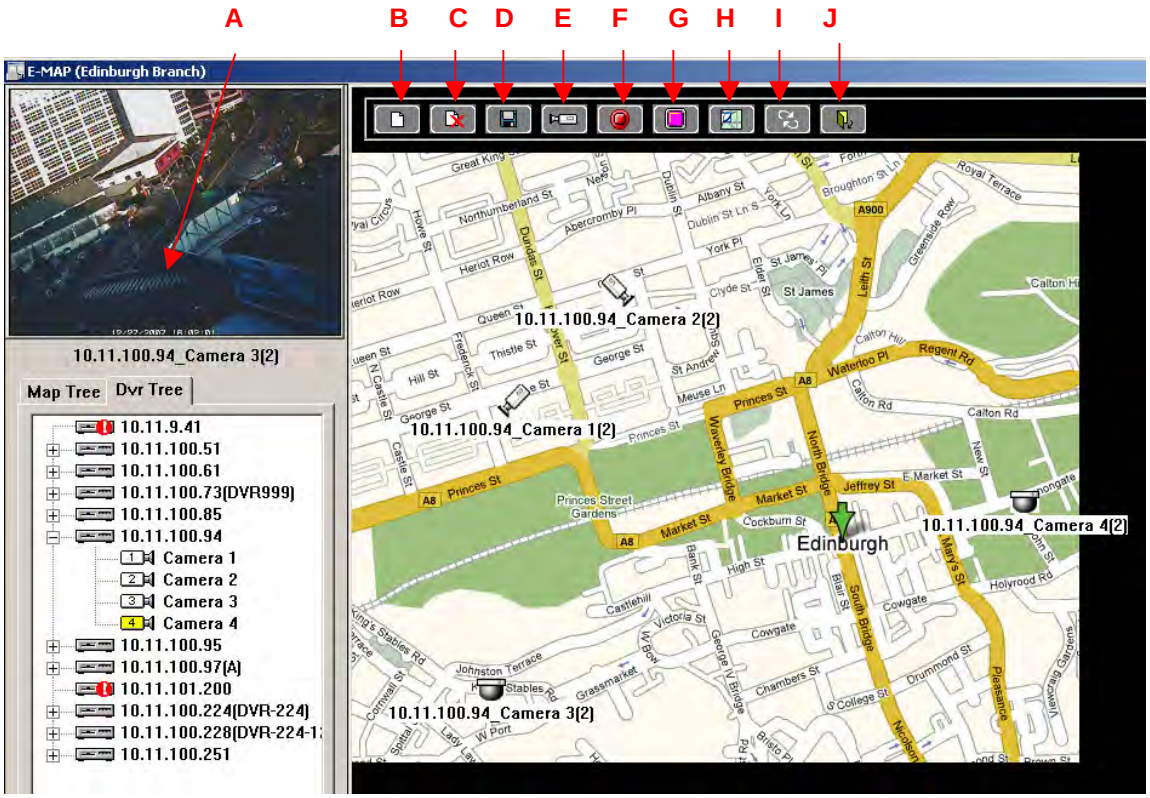
16. E-Map

E-Map function provides association of camera locations with an electronic map. You can select & upload a map, then assign cameras locations on the map. Then click any one of the locations to see camera video on the screen.



16.1 Live Video Window & DVR / E-Map Tree

E-Map UI locates Live Video at the top left corner. DVR Tree and Map Tree function make you add DVR and Camera on E-Map easily. Double Click the right button to enlarge the live video.

SecuWatch 2.5 E-Map also supports tree menus for both Map Tree and DVR Tree for users to add and manage the map more easily. Please see the pictures in the next page.

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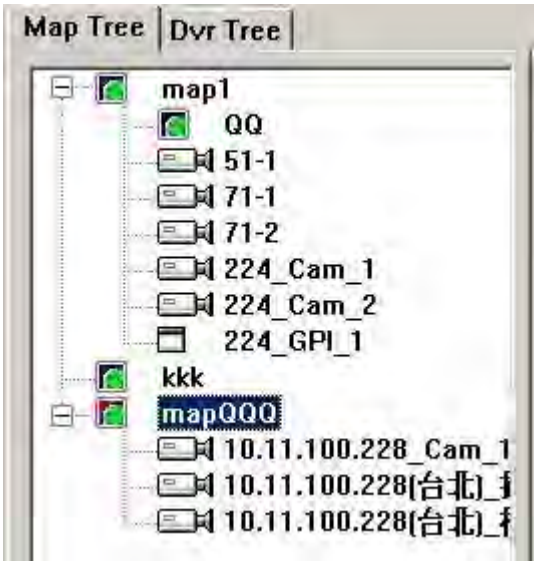
DVR Tree



Map Tree

16.2 Load E-Map

Click button B to load an E-Map into SecuWatch. E-Map has to be in BMP format. You will be prompted to ask for save the E-Map. Click “OK” to save it into SecuWatch.

16.3 Delete E-Map

Click button C to delete current E-Map.

16.4 Save E-Map

Click button and enter Map name and Group name, the new map will save in E-MAP.

1. Select one saved E-Map. After selected, this E-Map will be shown on the screen. Then click button to bring up save window, user can choose to save or cancel it.
2. After click “ok “ button and the saved window will pop up for you to enter Map name and Group Name. An E-Map will make one group automatically.
3. Click “ok “ button to save map when you enter Map name and Group name. The Map name will show up on the upper left of E-MAP.

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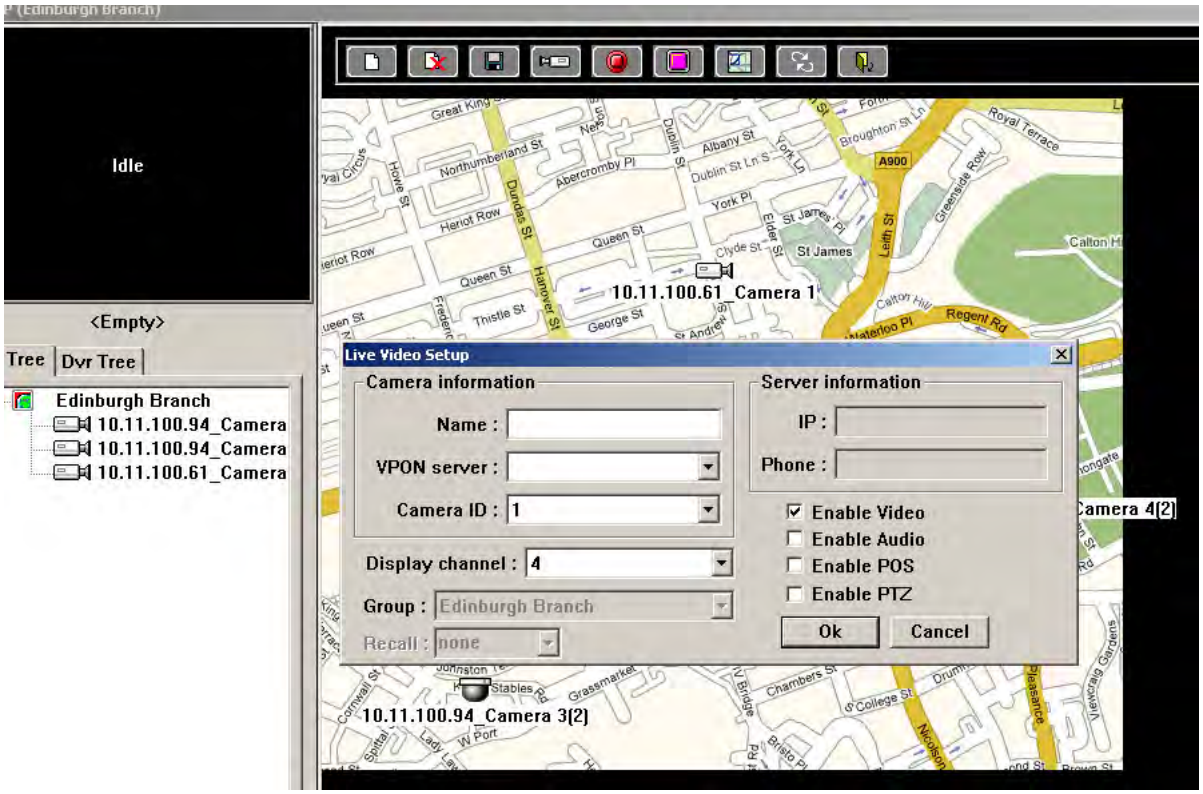
16.5 Add camera on E-Map

SecuWatch 2.5 support drag & drop to add cameras on E-Map as below.

After click button E, the camera icon will appear on the screen. Move camera icon to the position on E-Map where the camera is installed, then left click mouse to fix its location. “Live video setup” window will show up and ask for camera information, click “OK” to complete the assignment. Move mouse to a camera icon and then click it, video of this camera will show up on the screen. Right click mouse at camera icon will allow you to do edit or delete this camera.



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After adding a new camera on the E-Map, user can click right button of mouse for the camera configuration. User can also change the direction of the camera or delete the camera.

Change direction of camera: click right button of mouse to select rotation function

You can only install up to eight cameras in E-MAP. If you add more than eight cameras, the new camera will replace the first one and so on. After creating a new camera, you can double click the icon of the camera to show its live video on the top left corner of E-Map.

In the main screen, move the mouse curser onto the camera belonging to E-Map. Right click to pop the menu and click “Map” to call up the E-Map. The camera will flash red for recognition.

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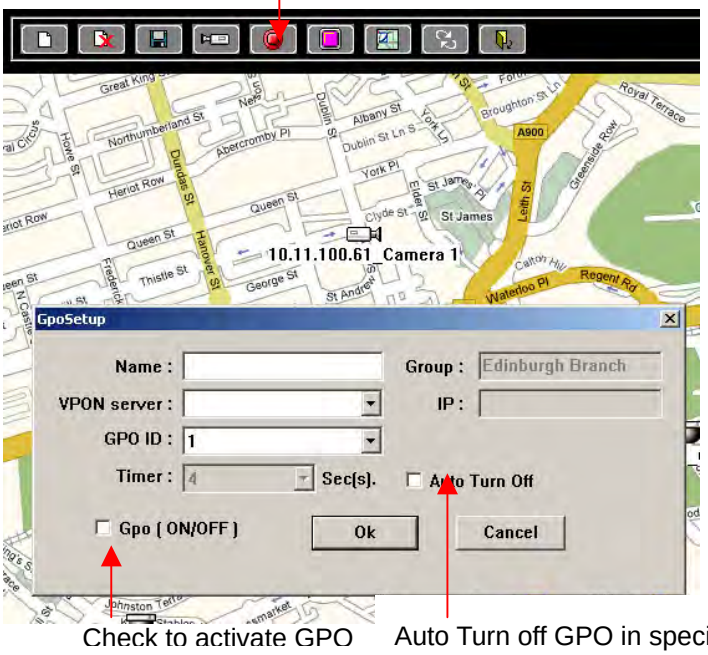
16.6 Remote GPO

Left click this icon, move to where you want and click again to get “GPO Setup” window



Users can click the GPO icon on the map to do switch on/off.

16.7 Remote GPI

Click button and the window of the GPI setup will pop-up. You can select one ready GPIO Event from Record Schedule Setting or add a new one here.

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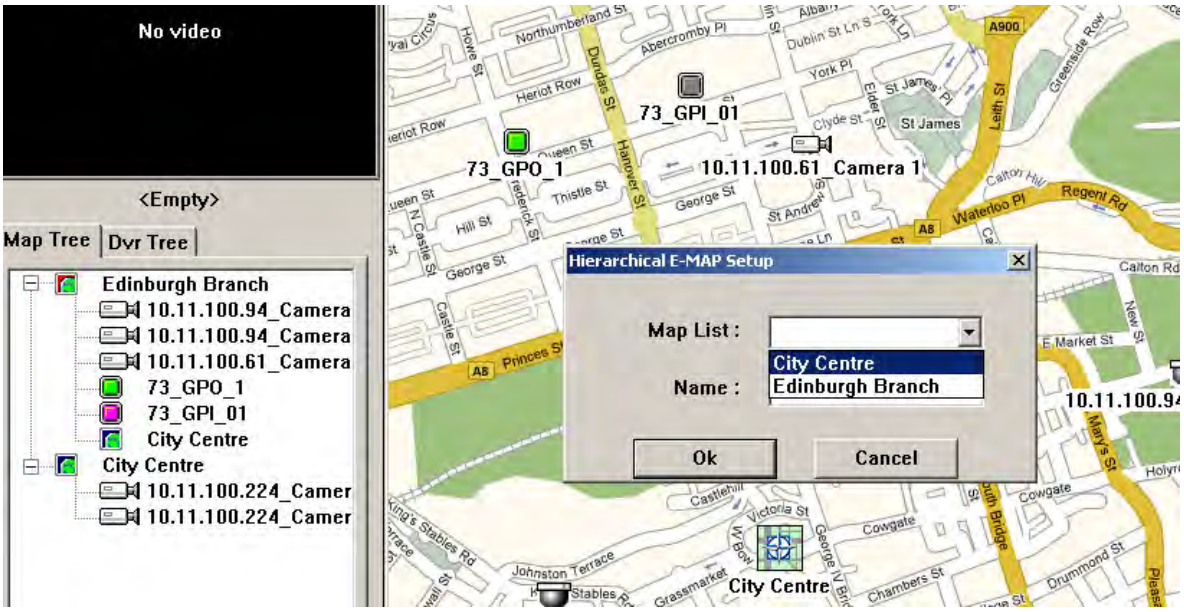
After adding a new GPI on E-Map, user can click right button of mouse for the GPI configuration and edit / delete the remote GPI. The GPO will become pink and pop up a video when the alarm is triggered.

16.8 Add Hierarchical E-MAP

Click button and the window of the hierarchical E-Map setup will pop-up, and you can select the Map list and select the Name here. Before that, you should add the sub map and save it first. The added sub map will show on the Map Tree Menu as an item in the E-Map



.16.9 Refresh

Click to refresh the status of GPO.

16.10 Exit E-Map

Click to exit E-Map function.

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16.11 PTZ Control

In E-Map Live View Window, a PTZ Panel is added for PTZ controlling

16.12 Auto Set Camera Display Channel When Adding Camera In E-Map

When add a camera in E-Map, SecuWatch 2.5 will auto select a blank channel to locate the camera.

16.13 Items can be moved in E-Map

Add “Move” to move items in E-Map.

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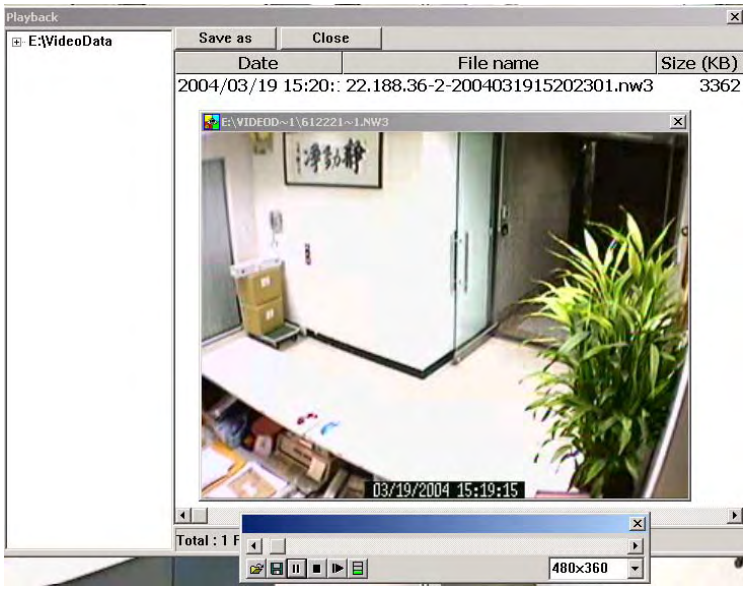
17. Playback

17.1 Local Playback

There are two playback modes you can select, one is “Local” and the other is “Remote”. Local playback means play the recorded video files that were saved inside “Save directory” configured under section 8. Save directory is at left side and Recorded files are listed at right hand side. Click the entry on the list to start play that file. You need VPON remote player ACTIVE X installed to playback successfully. The recorded file is named based on IP-Date Time, you can click “Save as” to save it into other name you want.



17.2 Remote Playback

When “Remote playback” is selected, Remote Player will pop up on the screen. You can select VPON server, date, time for the recorded video that you want to play. You can also select the Video channel that you want to save on SecuWacth PC hard disk. The status panel displays the playback status of the current recording. The aqua line (Data) indicates recorded data over an one-hour interval. The yellow bars (Motion) indicate the instances when motion was detected. The (GPI) event was detected. Click anywhere on the Data, Motion, or GPI lines to start playback from the required point. The next page includes several new functions.

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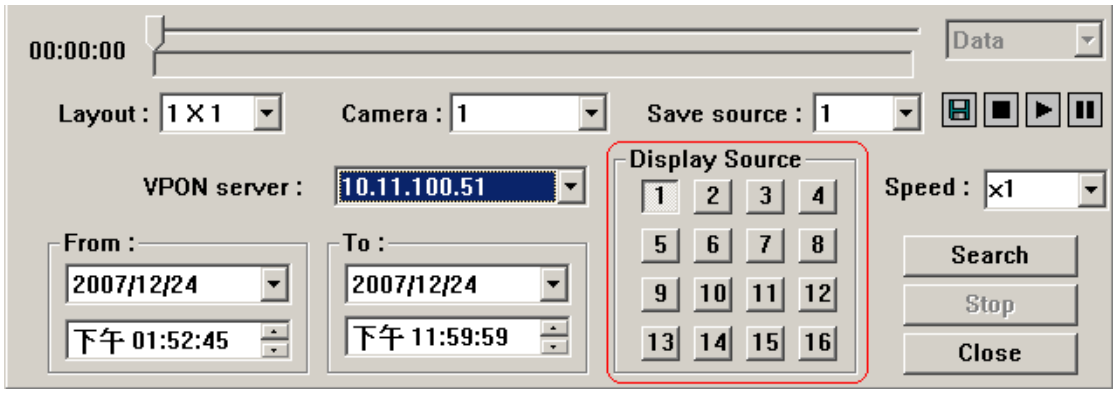
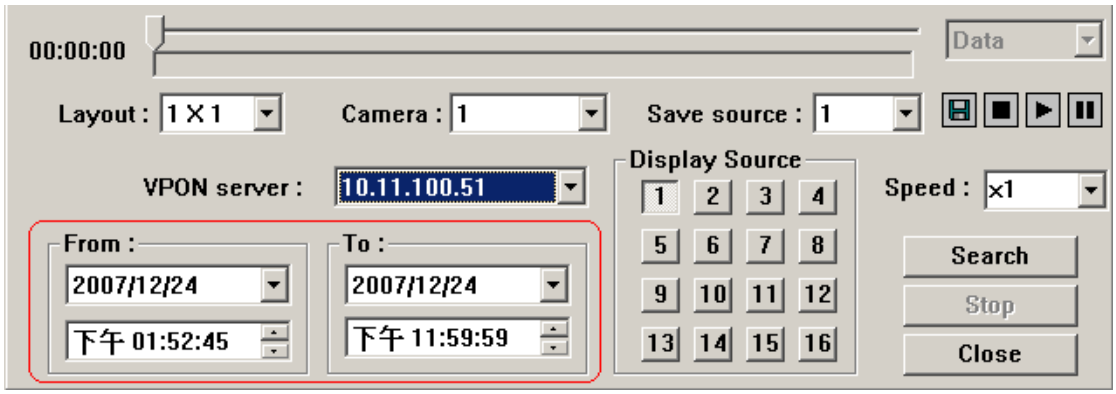
- Select Display Source in Remote Player

Users can select any display camera in Remote Player.



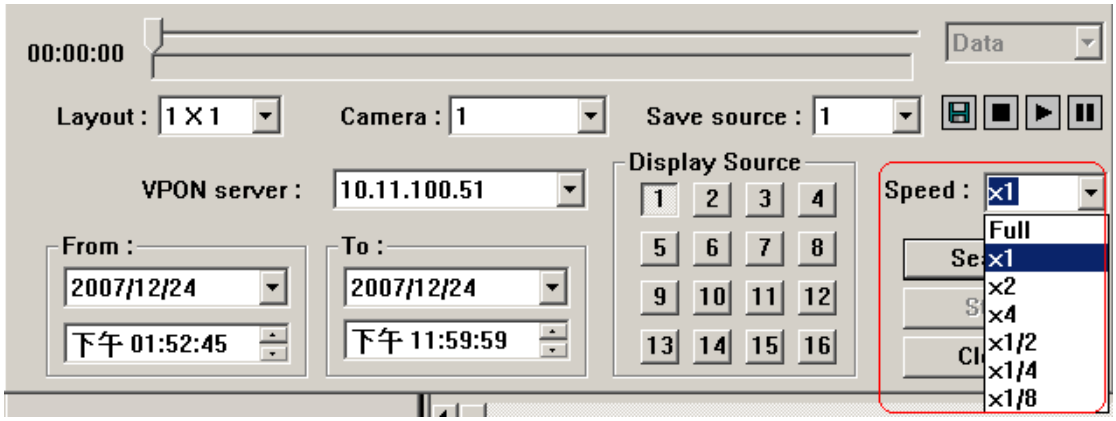
- Support Remote Player to Replay continuously over hours

User can input the span of time (From: / To:) to narrow the search.



- Support Playback Speed in Remote Player

Playback Speed can be adjusted from Full, X1, X2, X4, X1/2, X1/4, X1/8 in Remote Player.



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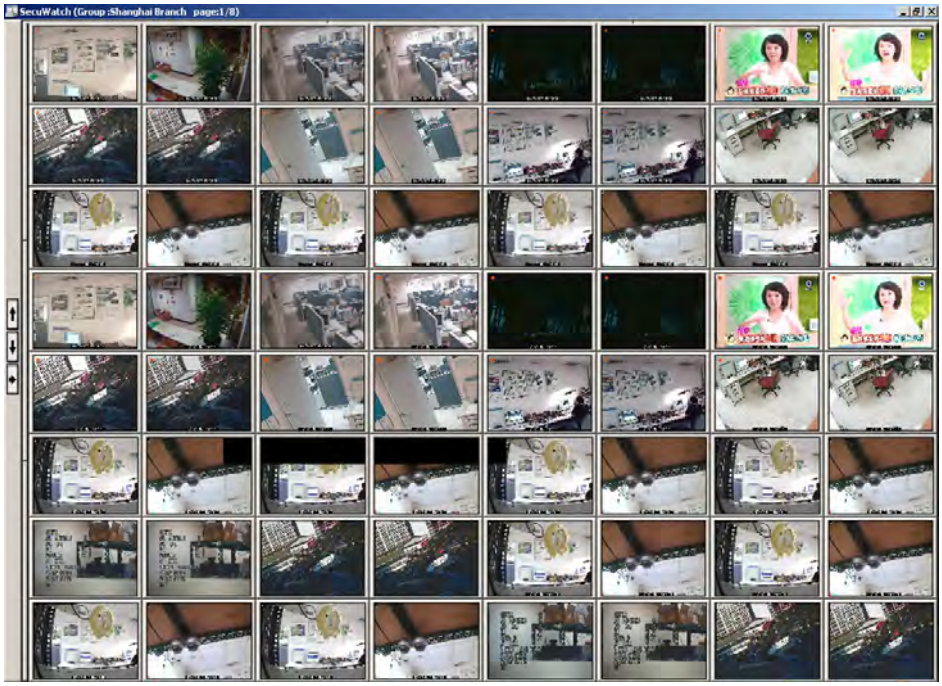
18. Display screen selections

For display screen selection, you can select single window or split windows from 4/9/16/25/36/49/64.

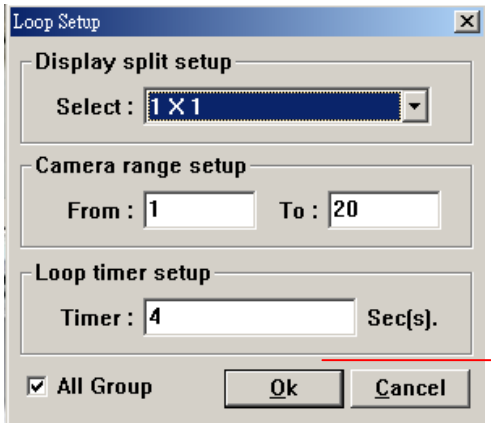
19. Full screen display

Actual Size



20. LOOP

Configure of automatic switching the video of surveillance. You can select different numbers of partition (1X1、2X2、3X3、4X4、5X5、6X6、7X7) of image, the range of camera, and the time interval to switch the video. If you choose to show the whole group, then the video of the group will be switch cyclically.



The loop timer setup must be 4-3600 sec(s)

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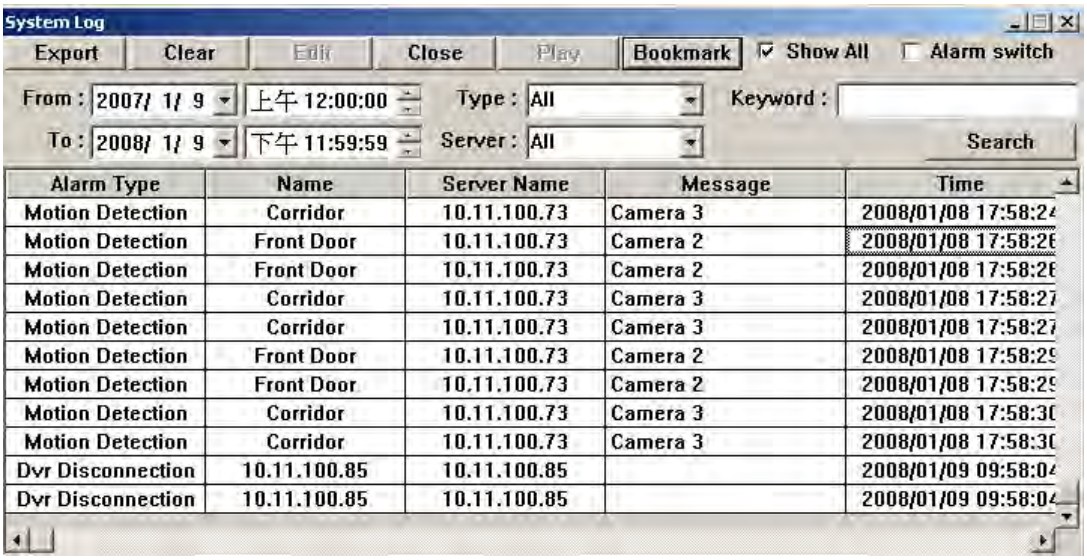
21. System Log

Any alarm will be written into system log including motion trigger、GPIO trigger、Disk error、Video loss、POS event…etc.

21.1 System log



The two fields in log message, “Name” and “Note”. The “Name” field indicates VPON server name of the “VPON IP” field. This works ONLY for static IP. The “Note” field is for operator entry of responses or actions after alarm or event occurs. This is helpful for tracking purpose. If switch on alarm function, the popup video alarm window will show up in the monitor when the alarm is triggered. Please enable “Alarm Switch” in System Log menu. When the alarm is triggered, the alarming event will be showed and recorded by the user setting.

In System Log, add “Search” function to search by time / type / server and keyword.

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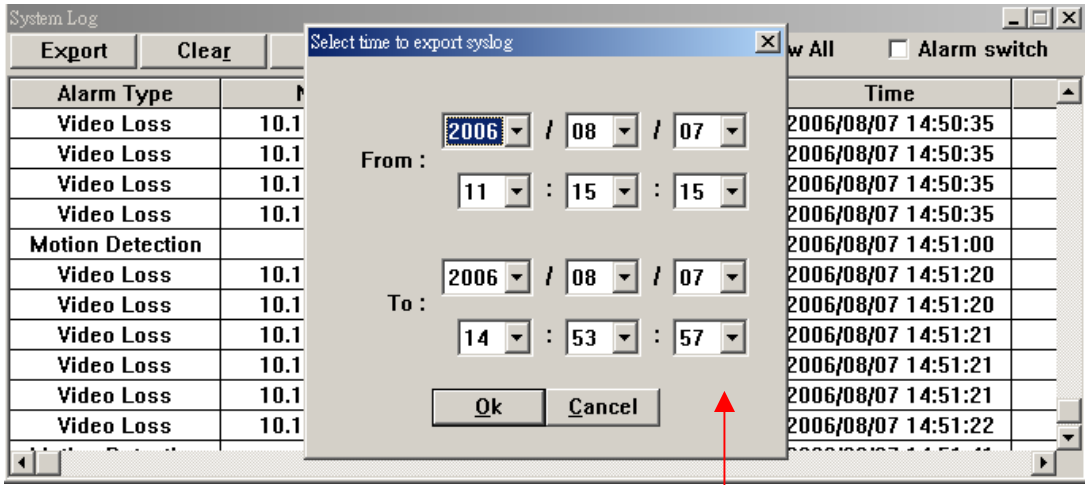
21.2 Export system log function

You can export system log as a file to hard disk in “txt” format. This file can be opened by MS-Excel for further editing. Click “Export” to bring up “Selection Window”. Then, enter the starting and ending time that you want the logs to export and click “OK”.

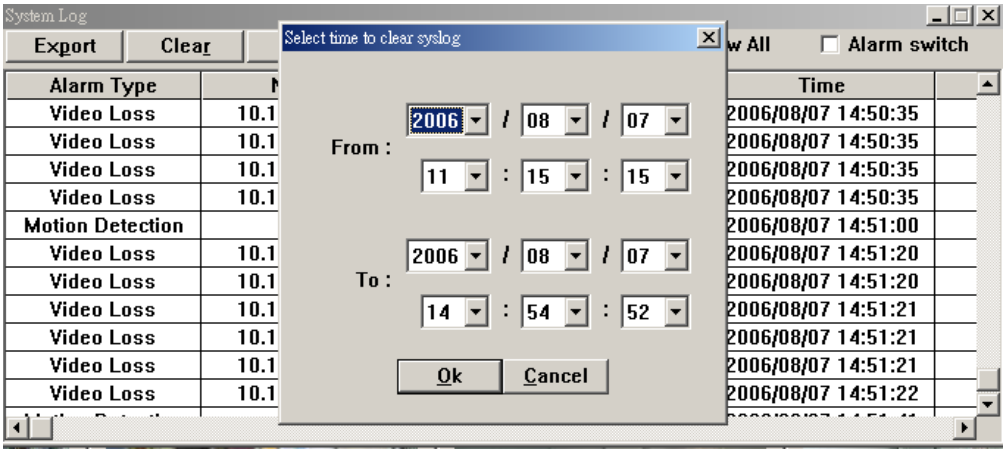


Selection window

After click “OK”, the “file saving window” will pop up for you to enter “File name” and directory. Click “Save” to begin log exporting.

21.3 Clear system log function

This function is for clearing un-wanted logs in the list. It is recommended to do regular export and clear up of log list to prevent from occupy too much memory. Click “Clear” and a popup window will ask for entering selections. Click “OK”, the selection window same will pop up for your entering start and stop time of the period that you want to clear log. Finally, click “OK” to clear the logs.



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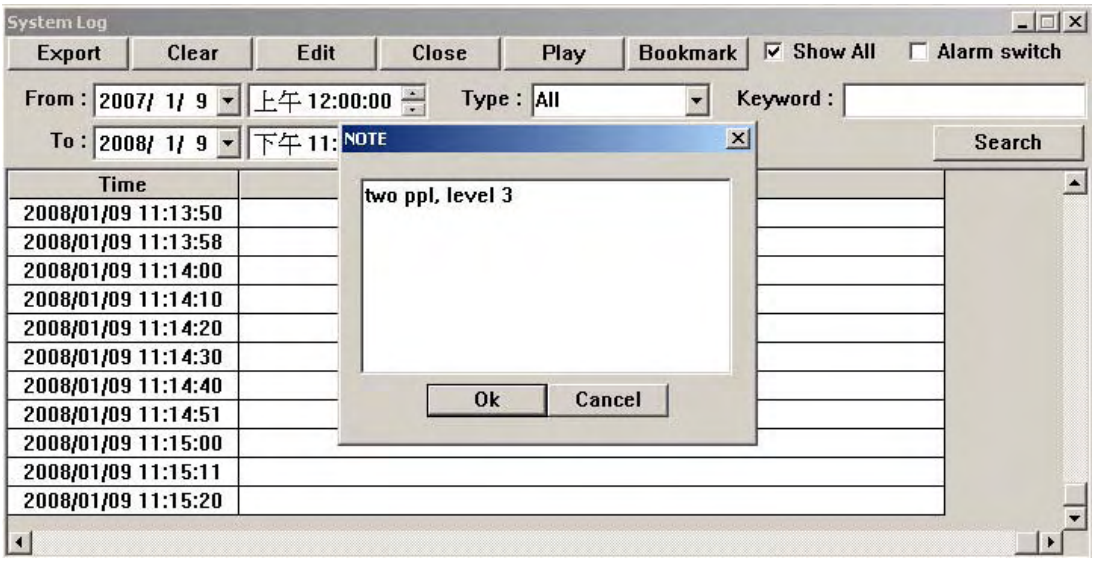
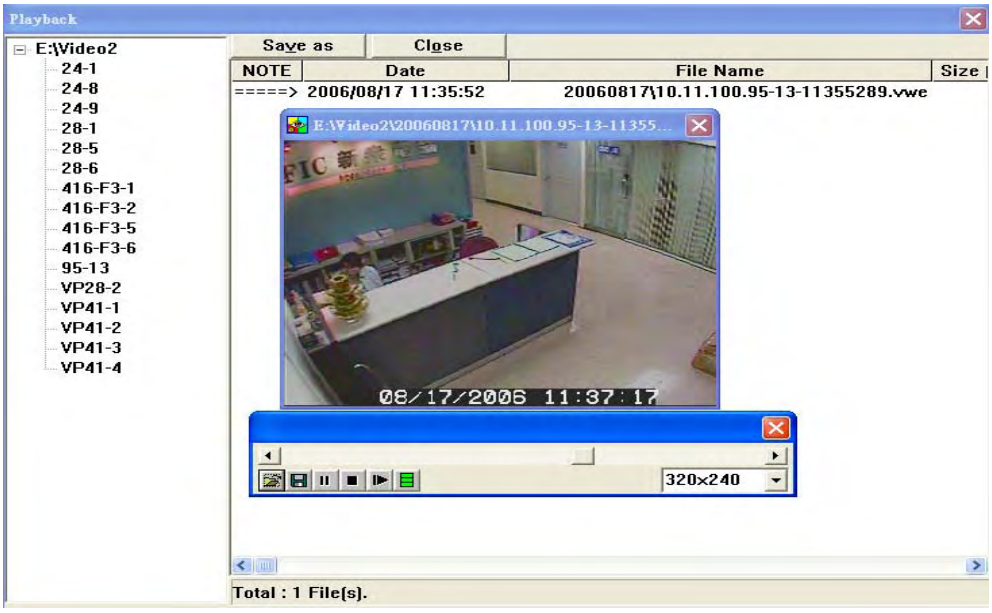
21.4 Edit function for “Note”

This function is for editing text data to “Note” field. Its purpose is for the operator to make note after alarm or event occurs. Select the row in log list that you want to note and then click “Edit” to bring up the popup menu. Enter text into the note window and click “OK” to save it onto “Note” field of that row.



21.5 Play motion detection or alarm triggered recoded files in system log

It’s only allowed to play the video files of motion detection and alarm triggering in system log. Select a row in the system log window above and then click the Play button. The video file list will be shown in the playback window as below. You can choose the file to play.



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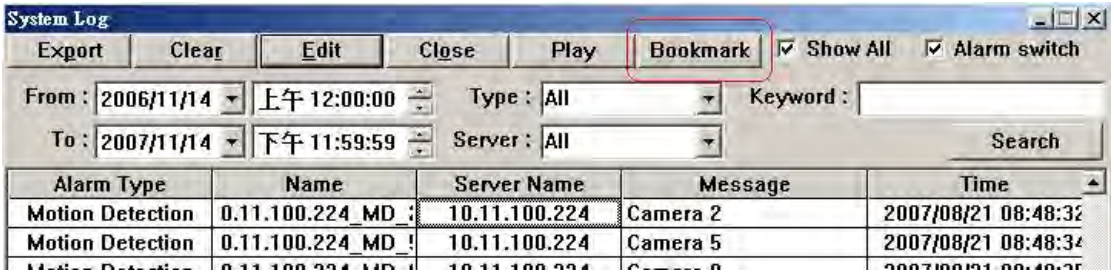
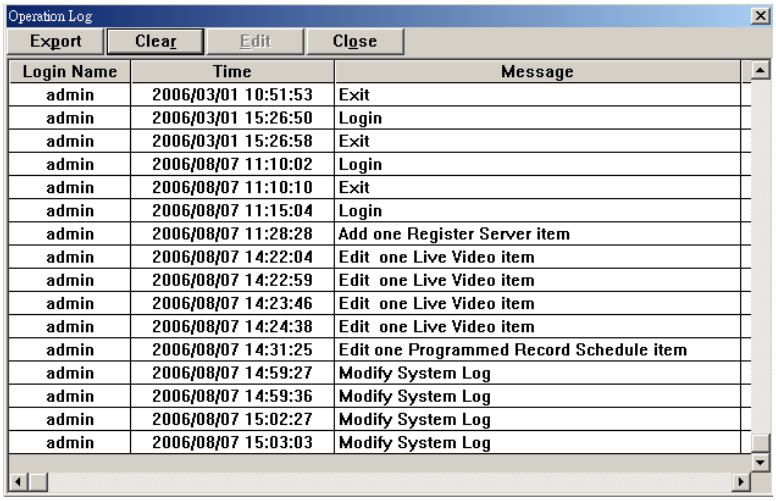
21.6 Bookmark Function in System Log



"Bookmark" function helps users bookmark important system logs and lock the related record files away from removal.

22. Operation Log

Operation Log records operation activities such as login, exit, add/edit user, add/edit live video settings… These functions are all grand to operator & administrator only. Date & time are attached to each entry of operation log.



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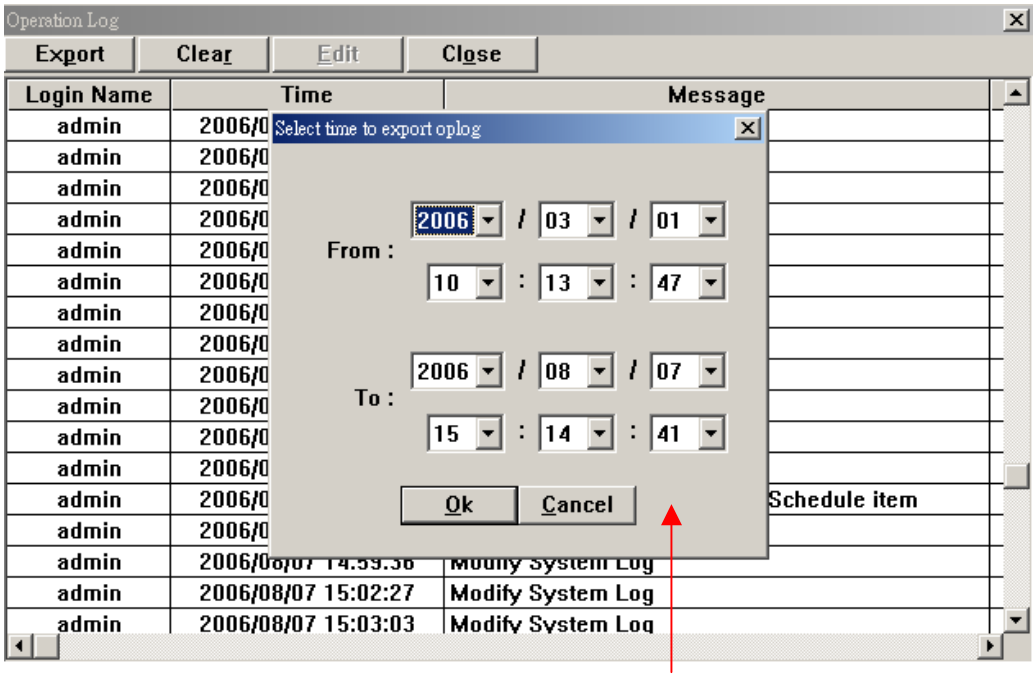
Event log records system events such as video lost, network error & motion detection. Date / Time, camera ID and the IP address of the VPON unit are included in the log.

Motion Detection	10.11.100.224	Camera 2	2004/04/01 16:00:09
Motion Detection	10.11.100.224	Camera 6	2004/04/01 16:00:09
Motion Detection	10.11.100.224	Camera 2	2004/04/01 16:02:50
Motion Detection	10.11.100.224	Camera 6	2004/04/01 16:02:50
Motion Detection	10.11.100.224	Camera 2	2004/04/01 16:13:25
Motion Detection	10.11.100.224	Camera 6	2004/04/01 16:13:26
Motion Detection	10.11.100.224	Camera 2	2004/04/01 16:18:35
Video Loss	10.11.100.222	Camera 15	2004/06/01 11:47:26
Video Loss	10.11.100.222	Camera 9	2004/06/01 11:47:29
Video Loss	10.11.100.222	Camera 5	2004/06/01 11:47:30
Network Error	10.11.100.222		2004/06/01 11:47:36
Network Error	10.11.100.222		2004/06/01 11:47:37
Video Loss	10.11.100.222	Camera 13	2004/06/01 11:47:38
Network Error	10.11.100.222		2004/06/01 11:47:39
Motion Detection	10.11.100.224	Camera 2	2004/06/01 12:06:50
Motion Detection	10.11.100.224	Camera 6	2004/06/01 12:06:52
Motion Detection	10.11.100.224	Camera 8	2004/06/01 12:06:53

22.1 Export operation log function

You can export operation log as a file to hard disk in “txt” format. This file can be opened by MS-Excel for further editing. Click “Export” field to bring up “Selection Window”. Then, enter the starting and ending time that you want the logs to export and click “OK”. After click “OK”, “file saving window” will pop up for you to enter “File name” and directory. Click “Save” to begin log exporting.



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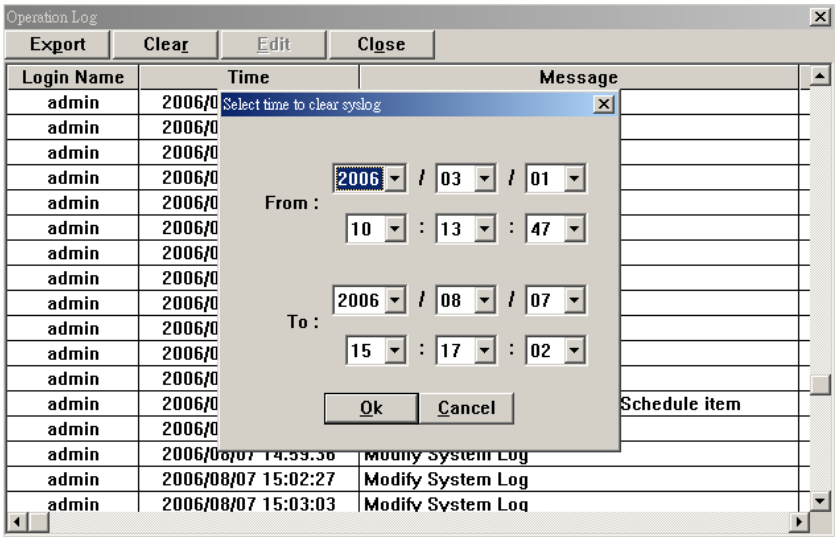
Selection window

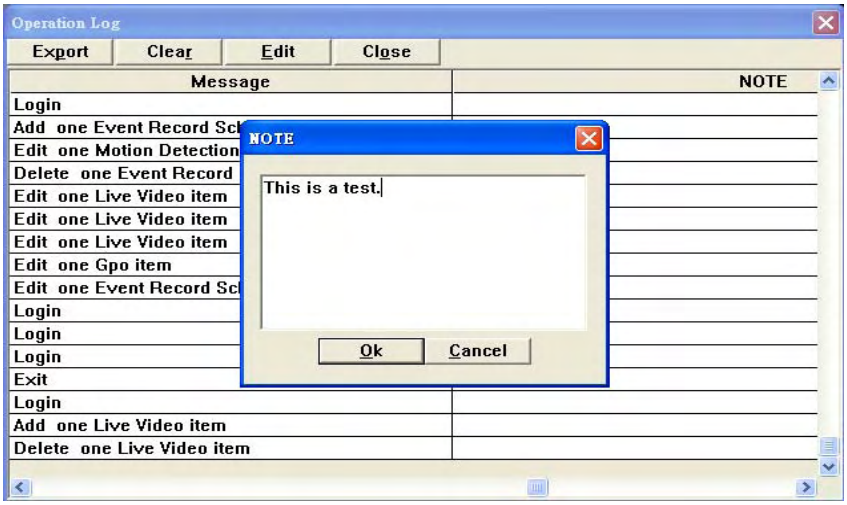
22.2 Clear operation log function

This function is for clearing un-wanted logs in the list. It is recommended to do regular export and clear up of log list to prevent from occupy too much memory. Click “Clear” and a popup window will ask for entering selections. Click “OK”, the selection window same will pop up for your entering start and stop time of the period that you want to clear log. Finally, click “OK” to clear the logs.



22.3 Edit function for “Note”

This function is for editing text data to “Note” field. Its purpose is for operator to make note after alarm or event occurs. Select the row in log list that you want to note and then click “Edit” to bring up. Enter text into the note window and click “OK” to save it onto “Note” field of that row.



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23. Bookmark

Select Bookmark function from the main screen/event log setting. “Bookmark” function helps users bookmark important system logs and lock the related record files away from removal.

Bookmark Table includes the functions of Edit / Delete / Play Remote / Play Local and Close.

- Edit: edit a note as the above familiar function.
- Delete: delete messages in Bookmark Table.
- Play Remote: the button will call up Remote Player and connect to the relevant recorded file.
- Play Local: the button will call up Local Record Tree Menu and users can select what to replay.
- Close: close the menu.
-

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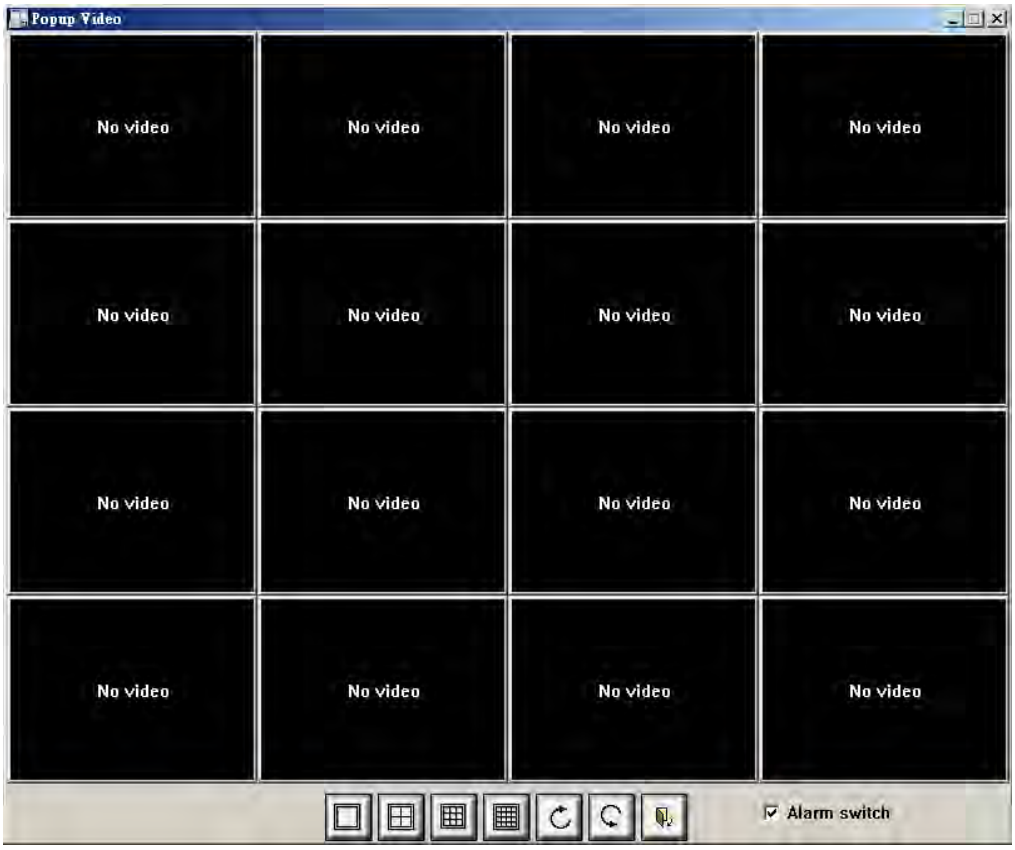
24. Popup Video Alarm

There are two kinds of alarm sources. One is from GPIO (digital input points) of VPON and the other is from motion detection of VPON cameras. When SecuWatch receives these alarm signals, the camera video associates with the alarm can be displayed on the screen accomplishes with system log. To enable this function, you have to enable “Alarm switch” on “system log” set up screen. You also have to set up motion detection recording for the cameras that you want to pop up when alarm triggers. Please be noted that if you want video pops up from VPON units outside local LAN, you should set up your gateway IP address at SecuWatch PC.



Popup Alarm Window adds 1,4,9,16 split view and Alarm Switch to start/stop the coming alarm video popup.

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25. Logout

Click

button to log out central control system.

26. System requirement

1. Computer

CPU-P4 3.0G above

RAM-2GB

VGA Card: 128MB up AGP VGA adapter supporting 1024x768 resolution and true color.

Network: Ethernet 100Mbps or above

2. Operation System

WIN 2000 / XP / Vista

File System: NTFS

DirectX: 9.0 or above

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